

ErrorTextTable (2.34.1)

ErrorText

- ErrNr: 1 - Invalid parameter ID
- ErrNr: 2 - Data block for upload is not available
- ErrNr: 3 - Write access for a read-only parameter
- ErrNr: 4 - Read access for a write-only parameter
- ErrNr: 8 - Data block read access already initialized
- ErrNr: 9 - Data block write access already initialized
- ErrNr: 10 - Data block read access not initialized
- ErrNr: 11 - Data block write access not initialized
- ErrNr: 16 - The data segment is already the last when reading the data block
- ErrNr: 17 - The data segment is already the last when writing the data block
- ErrNr: 18 - The data segment is not yet the last when reading the data block
- ErrNr: 19 - The data segment is not yet the last when writing the data block
- ErrNr: 21 - Checksum after data block write is invalid
- ErrNr: 23 - Parameter ID in data block is invalid (data block write)
'PARID' - Parameter ID
- ErrNr: 25 - Burn system module only allowed immediately after download
- ErrNr: 27 - Operating system not able to be started (operating system is not on the FEPROM)
- ErrNr: 40 - Value of parameter higher than maximum value
REAL - Maximum value
- ErrNr: 41 - Value of parameter higher than maximum value
UDINT - Maximum value
- ErrNr: 42 - Value of parameter higher than maximum value
DINT - Maximum value
- ErrNr: 52 - Value of parameter lower than minimum value
REAL - Minimum value
- ErrNr: 53 - Value of parameter lower than minimum value
UDINT - Minimum value
- ErrNr: 54 - Value of parameter lower than minimum value
DINT - Minimum value
- ErrNr: 64 - Hardware ID in BR module is invalid (data block write)
USINT - Hardware ID
- ErrNr: 65 - Hardware version in BR module is invalid (data block write)
USINT - Hardware Revision
- ErrNr: 66 - The operating system on the drive is incompatible to the existing network
USINT - Hardware ID of operating system
- ErrNr: 67 - Necessary parameter is missing or is invalid
'PARID' - Parameter ID
- ErrNr: 68 - Data block length invalid
- ErrNr: 69 - Command interface is occupied
- ErrNr: 70 - Value of a necessary parameter too high
'PARID' - Parameter ID
- ErrNr: 71 - Value of a necessary parameter too low
'PARID' - Parameter ID
- ErrNr: 1001 - Error-FIFO overflow
- ErrNr: 1002 - Parameter outside the valid range
- ErrNr: 1003 - Parameter cannot be written while loop control is active
- ErrNr: 1004 - Timeout in network life sign monitor

ErrNr: 1005 - Parameter cannot be written while a movement is active
ErrNr: 1006 - Invalid parameter for trigger event (digital input + edge)
ErrNr: 1007 - Master for network coupling deactivated - one master is already sending
ErrNr: 1008 - Master for network coupling deactivated - Encoder error
ErrNr: 1009 - Error during memory allocation
ErrNr: 1011 - Quickstop input active
ErrNr: 1012 - Breakdown of cyclic network communication
ErrNr: 1013 - Station is not available for network communication
 UINT - Station number
ErrNr: 1014 - Network command interface is occupied
ErrNr: 1016 - Maximum cycle time exceeded - CPU load too high
ErrNr: 1017 - Invalid parameter ID for cyclic read access
 'PARID' - Parameter ID
ErrNr: 1018 - Invalid parameter ID for cyclic write access
 'PARID' - Parameter ID
ErrNr: 1021 - Parameter cannot be written: Function block active
ErrNr: 1022 - Timeout in life sign monitoring of cyclic data to drive
ErrNr: 1023 - Network coupling with the cyclic communication mode not allowed
ErrNr: 1024 - Cyclic communication mode with current network configuration not possible
ErrNr: 1025 - Value of parameter in connection with holding brake not allowed
ErrNr: 1026 - Value of parameter in connection with SAFETY modules not allowed
ErrNr: 2001 - Upload of trace data not allowed: Recording active
ErrNr: 2003 - Trace start not allowed: Recording active
ErrNr: 2006 - Initialization of trace parameters not allowed: Recording active
ErrNr: 4005 - Controller cannot be switched on: Drive in error state
ErrNr: 4007 - Lag error stop limit exceeded
 REAL - Current lag error
ErrNr: 4008 - Positive limit switch reached
ErrNr: 4009 - Negative limit switch reached
ErrNr: 4010 - Controller cannot be switched on: Both limit switches are closed
ErrNr: 4011 - Controller cannot be switched off: Movement active
ErrNr: 4012 - Controller cannot be switched on: Init parameters missing or not valid
 'PARID' - Parameter ID
ErrNr: 4014 - Two encoder control: Stop limit of positions difference exceeded
 REAL - Current positions difference
ErrNr: 5001 - Target position exceeds positive SW limit
ErrNr: 5002 - Target position exceeds negative SW limit
ErrNr: 5003 - Positive SW limit reached
ErrNr: 5004 - Negative SW limit reached
ErrNr: 5005 - Start of movement not possible: Position controller inactive
ErrNr: 5006 - Start of movement not possible: Axis not referenced
ErrNr: 5010 - Move in pos. direction not possible: Pos. limit switch is closed
ErrNr: 5011 - Move in neg. direction not possible: Neg. limit switch is closed
ErrNr: 5012 - Start of movement not possible: Stop ramp active
ErrNr: 5013 - Cyclic set value mode cannot be switched on: Movement active
ErrNr: 5015 - Start of movement not possible: Homing procedure active
ErrNr: 5016 - Parameter cannot be written: Homing procedure active
ErrNr: 5017 - Homing procedure mode not possible: Position controller inactive
ErrNr: 5018 - Homing procedure not possible: Movement active

ErrNr: 5019 - Homing parameter outside the valid range
'PARID' - Parameter ID

ErrNr: 5020 - Homing procedure not possible: Both limit switches are closed

ErrNr: 5021 - Limit switch closed: No direction change for this homing mode

ErrNr: 5022 - Second limit switch signal received: Reference switch not found

ErrNr: 5023 - Incorrect limit switch signal received for current movement direction

ErrNr: 5024 - Cyclic set value mode aborted: Set positions missing

ErrNr: 5025 - Homing offset with counting range correction cannot be set

ErrNr: 5026 - Basis movement parameters (with override) exceed speed limit value

ErrNr: 5027 - Basis movement parameters (with override) exceed acceleration limit value

ErrNr: 5028 - Current movement is not a basis movement

ErrNr: 5029 - Trigger ignored - remaining distance exceeds SW limit

ErrNr: 5030 - Homing procedure mode not possible: Position controller active

ErrNr: 5031 - Homing procedure mode not possible: Cyclic set values mode is off

ErrNr: 5032 - Acceleration too low - braking distance exceeds positive SW limit

ErrNr: 5033 - Acceleration too low - braking distance exceeds negative SW limit

ErrNr: 5034 - Homing procedure not possible: Encoder error

ErrNr: 5035 - Reference marks not detected

ErrNr: 5036 - Acceleration stop limit exceeded
REAL - Acceleration

ErrNr: 5037 - Homing procedure mode not possible: Wrong encoder type

ErrNr: 5038 - Homing procedure mode not possible: Restore data invalid
UINT - Detail

ErrNr: 5101 - Cam profile compensation gears: Limit values exceeded

ErrNr: 5102 - Too many changes of cam profile per cycle (master period too short)

ErrNr: 5103 - Slave trigger FIFO full

ErrNr: 5104 - Slave trigger FIFO empty

ErrNr: 5105 - Master trigger FIFO full

ErrNr: 5106 - Master trigger FIFO empty

ErrNr: 5107 - Cam coupling cannot be started: Parameter outside the valid range
'PARID' - Parameter ID

ErrNr: 5108 - Master compensation trigger FIFO full

ErrNr: 5109 - Master compensation trigger FIFO empty

ErrNr: 5110 - Cam coupling aborted: Cyclic set positions missing

ErrNr: 5111 - Cam coupling aborted: Encoder error

ErrNr: 5112 - Command not allowed: Cam profile coupling not active

ErrNr: 5113 - Command not allowed: Controller is already active

ErrNr: 5114 - Parameter cannot be written: Cam coupling active

ErrNr: 5115 - Restart command not possible: The cam automat is not active

ErrNr: 5201 - Parameter cannot be written: Drumsequencer active

ErrNr: 5202 - Cam Control: Switch positions not in ascending order

ErrNr: 5300 - Data block for upload is not available

ErrNr: 5301 - Start cam automat linkage not possible: Parameter outside the valid range
'PARID' - Parameter ID

ErrNr: 5302 - Parameter cannot be written: Cam automat active

ErrNr: 5303 - Cam profile data not available at index

ErrNr: 5304 - Format error in cam profile data
UINT - Detail

ErrNr: 5311 - Cam automat: Event leads to non initialized state

ErrNr: 5315 - Download error: Cam profile data in use by cam automat or function block
ErrNr: 5316 - Event type is not possible for entry in compensation gears
ErrNr: 5319 - Cam profile data not allowed for state 0
ErrNr: 5329 - No valid cam profile data or state deactivated
ErrNr: 6000 - Master sampling time is not a multiple of position controller sampling time
ErrNr: 6001 - Sync controller: Timeout for sync telegram occurred
ErrNr: 6002 - Sync controller: Error tolerance of system time difference exceeded
ErrNr: 6008 - Controller is already active
ErrNr: 6011 - Controller is not in speed mode
ErrNr: 6014 - Drive initialization active
ErrNr: 6015 - CAN controller: CAN bus disturbance (receive error counter greater 96)
USINT - Slot
ErrNr: 6016 - CAN controller: CAN bus disturbance (transmit error counter greater 96)
USINT - Slot
ErrNr: 6017 - Software: Watchdog active
ErrNr: 6018 - Hardware: 15V power supply fail
ErrNr: 6019 - ACOPOS: Overcurrent
ErrNr: 6020 - Hardware: 24V power supply fail
ErrNr: 6021 - Low level at controller enable input
ErrNr: 6023 - Voltage sag at controller enable input
ErrNr: 6024 - Current was latched before conversion (OpSys error in ABL5)
ErrNr: 6025 - Temperature was latched before conversion (OpSys error in ABL5)
ErrNr: 6026 - Holding brake: Stator current limit exceeded during release
ErrNr: 6027 - Holding brake: Manual operation not permitted
ErrNr: 6028 - Holding brake: Undervoltage/-current (wire breakage, check 24V supply)
ErrNr: 6029 - Holding brake: Control signal on and output status off
ErrNr: 6030 - Holding brake: Brake output is active, but no brake entered in motor data
ErrNr: 6031 - System module already deleted
ErrNr: 6032 - Interface: FPGA configuration error
USINT - Slot
ErrNr: 6033 - Type of servo amplifier is not supported by ACOPOS-firmware
UDINT - Error ID
ErrNr: 6034 - Cyclic set value mode aborted: Set speeds missing
ErrNr: 6036 - Motor parameters missing or invalid
'PARID' - Parameter ID
ErrNr: 6038 - Torque limit higher than peak motor torque
REAL - Peak motor torque
ErrNr: 6040 - Operating system version is less than allowed minimum version
ErrNr: 6041 - Operating system version is greater than allowed maximum version
ErrNr: 6042 - Operating system version is not in the allowed range
ErrNr: 6043 - PHASING_MODE is not valid
UINT - PHASING_MODE
ErrNr: 6044 - Phasing: Rotational direction or position not valid
REAL - Calculated number of polepairs
ErrNr: 6045 - Power stage: Connection X5: No current flow
USINT - Phase
ErrNr: 6046 - Phasing: No rotor movement
ErrNr: 6047 - Holding brake: Control signal off and output status on
ErrNr: 6048 - Motor holding brake movement monitor: Position error too large

ErrNr: 6049 - Power stage: Connection X5: Current measurement faulty
USINT - Phase

ErrNr: 6050 - Write parameter not allowed: Set current filter or notch filter active

ErrNr: 6051 - Phasing: Speed to high
REAL - Speed limit

ErrNr: 6052 - Power stage: High-side: Overcurrent

ErrNr: 6053 - Power stage: Low-side: Overcurrent

ErrNr: 6054 - Power stage: Overcurrent

ErrNr: 6055 - Holding brake: Low voltage

ErrNr: 6056 - Holding brake: Low current

ErrNr: 6057 - Position loop controller: Load encoder error

ErrNr: 6058 - Enable1: Voltage sag

ErrNr: 6059 - Enable2: Voltage sag

ErrNr: 6060 - Power stage: Limit speed exceeded
REAL - Limit speed

ErrNr: 6061 - CTRL Speed controller: Limit speed exceeded
REAL - Limit speed

ErrNr: 6062 - CTRL Speed controller: Speed error stop limit exceeded
REAL - Limit value AXLIM_DV_STOP

ErrNr: 6063 - Holding brake: External voltage on output over 24V

ErrNr: 6064 - Parameter cannot be written: Repetitive Control active

ErrNr: 6065 - Initialization active
UDINT - Initialization

ErrNr: 7012 - Encoder: Hiperface error bit
USINT - Slot

ErrNr: 7013 - Encoder: Status message
USINT - Status code

ErrNr: 7014 - Encoder: CRC error during parameter transfer
USINT - Slot

ErrNr: 7015 - Encoder: Timeout error during parameter transfer
USINT - Slot

ErrNr: 7016 - Encoder: Busy error during parameter transfer
USINT - Slot

ErrNr: 7017 - Encoder: Error while reading encoder parameter
USINT - Slot

ErrNr: 7020 - OEM data: Data write error
USINT - Slot

ErrNr: 7021 - Encoder: Timeout error while reading absolute position
USINT - Slot

ErrNr: 7022 - Encoder: Initialization is active
USINT - Slot

ErrNr: 7023 - Encoder: Parameter transfer is active
USINT - Slot

ErrNr: 7029 - Encoder: Incremental signal amplitude too small
USINT - Slot

ErrNr: 7030 - Encoder: Incremental signal amplitude too large
USINT - Slot

ErrNr: 7031 - Encoder: Incremental signal amplitude too large (Disturbance)
USINT - Slot

ErrNr: 7032 - Encoder: Incremental signal amplitude too small (Disturbance, no connection)
USINT - Slot

ErrNr: 7033 - Encoder: Incremental position step too large
USINT - Slot

ErrNr: 7036 - Encoder: Interface ID invalid (Check slot and Interface EEPROM data)
USINT - Slot

ErrNr: 7038 - Encoder: Position value not synchronous with absolute value
USINT - Slot

ErrNr: 7039 - Incremental encoder: Cable disturbance track A
USINT - Slot

ErrNr: 7040 - Incremental encoder: Cable disturbance track B
USINT - Slot

ErrNr: 7041 - Incremental encoder: Cable disturbance track R
USINT - Slot

ErrNr: 7042 - Incremental encoder: Edge distance of quadrature signal too small
USINT - Slot

ErrNr: 7043 - Encoder: Cable disturbance track D
USINT - Slot

ErrNr: 7044 - Encoder: Parity
USINT - Slot

ErrNr: 7045 - Resolver: Signal disturbance (plausibility check)
USINT - Slot

ErrNr: 7046 - Resolver: Cable disturbance
USINT - Slot

ErrNr: 7047 - Invalid distance of reference marks
DINT - Distance

ErrNr: 7048 - Error during the reading of encoder memory
USINT - Slot

ErrNr: 7049 - Abnormal encoder current consumption
USINT - Slot

ErrNr: 7050 - Incremental encoder: Illegal AB signal change
USINT - Slot

ErrNr: 7051 - Encoder: Acceleration too large (Disturbance)
USINT - Slot

ErrNr: 7052 - Encoder: Encoder is not Supported
USINT - Slot

ErrNr: 7053 - Encoder: Power failure
USINT - Slot

ErrNr: 7054 - Encoder: Position in channel already defined
USINT - Slot

ErrNr: 7055 - Encoder: Invalid content type 'frame end'
USINT - Slot

ErrNr: 7056 - Encoder: Register read forbidden or not implemented
USINT - Slot

ErrNr: 7057 - Encoder: Register write forbidden or not implemented
USINT - Slot

ErrNr: 7058 - Encoder: Alarm bit is set
USINT - Slot

ErrNr: 7059 - Virtual Encoder: Error state

UDINT - PARID_ENCODO0_STATUS
ErrNr: 7060 - Virtual Encoder: Transition error
UDINT - PARID_ENCODO0_STATUS
ErrNr: 7061 - Virtual Encoder: stall detection
UDINT - PARID_ENCODO0_STATUS
ErrNr: 7100 - Parameter function not supported. (Module ?)
ErrNr: 7200 - DC bus: Overvoltage
ErrNr: 7210 - DC bus: Charging: Voltage unstable
ErrNr: 7211 - DC bus: Voltage dip
REAL - Low voltage limit
ErrNr: 7212 - DC bus: Large voltage dip
REAL - Low voltage limit
ErrNr: 7214 - DC bus: Charging resistor hot (too many power line fails)
ErrNr: 7215 - Power mains: At least one phase of the power line failed
ErrNr: 7217 - DC bus: Nominal voltage detection: Voltage too high
REAL - Maximum DC bus voltage
ErrNr: 7218 - DC bus: Nominal voltage detection: Voltage too low
REAL - Minimum required DC bus voltage
ErrNr: 7219 - DC bus: Charging: Voltage too low
REAL - Minimum required DC bus voltage
ErrNr: 7220 - DC bus: Nominal voltage detection: Voltage not allowed
REAL - DC bus voltage
ErrNr: 7221 - Mains: Failure
REAL - Line frequency
ErrNr: 7222 - Power stage: Summation current connection X5: Overcurrent (Ground fault)
REAL - Limit
ErrNr: 7223 - DC bus: Overvoltage DC-GND
ErrNr: 7224 - Connector to back plane: 24V-GND contact monitoring: Voltage too low
ErrNr: 7225 - DC bus: Overvoltage
ErrNr: 7226 - DC bus: Overcurrent
ErrNr: 7227 - Bleeder: Overcurrent
REAL - Limit
ErrNr: 7300 - Digital IO: IO Configuration invalid
UINT - Slot
ErrNr: 7401 - Parameter position exceeds maximum data length
ErrNr: 7402 - Processing of parameter sequence aborted: Write error
UINT - Index of parameter
ErrNr: 7403 - Processing of parameter sequence is still active
ErrNr: 7404 - Parameter sequence not available at index
ErrNr: 8001 - EEPROM select not valid
ErrNr: 8003 - Table index not valid
ErrNr: 8004 - EEPROM variable type not valid
ErrNr: 8005 - EEPROM type not valid
ErrNr: 8006 - Value of EEPROM parameter is zero
UINT - EEPROM Parameter ID
ErrNr: 8007 - Value of EEPROM parameter is not valid
UINT - EEPROM Parameter ID
ErrNr: 8011 - EPROM: Data not valid
ErrNr: 8020 - Invalid switch frequency

ErrNr: 9000 - Heatsink temperature sensor: Overtemperature - Movement stopped
REAL - Temperature limit

ErrNr: 9001 - Heatsink temperature sensor: Overtemperature - Limiter active
REAL - Temperature limit

ErrNr: 9002 - Heatsink temperature sensor: Not connected or damaged
REAL - Temperature limit

ErrNr: 9003 - Heatsink temperature sensor: Not connected or destroyed
REAL - Temperature limit

ErrNr: 9010 - Temperature sensor (Motor|Choke|External): Overtemperature
REAL - Temperature limit

ErrNr: 9011 - Temperature sensor (Motor|Choke|External): Overtemperature - Limiter active
REAL - Temperature limit

ErrNr: 9012 - Temperature sensor (Motor|Choke|External): Not connected or destroyed
REAL - Temperature

ErrNr: 9013 - Temperature sensor (Motor|Choke|External): Short circuit
REAL - Temperature

ErrNr: 9030 - Junction temperature model: Overtemperature - Movement stopped
REAL - Temperature limit

ErrNr: 9031 - Junction temperature model: Overtemperature - Limiter active
REAL - Temperature limit

ErrNr: 9040 - Bleeder temperature model: Overtemperature - Movement stopped
REAL - Temperature limit

ErrNr: 9041 - Bleeder temperature model: Overtemperature - Limiter active
REAL - Temperature limit

ErrNr: 9050 - ACOPOS peak current: Overload - Movement stopped
REAL - Load limit

ErrNr: 9051 - ACOPOS peak current: Overload - Limiter active
REAL - Load limit

ErrNr: 9060 - ACOPOS continuous current: Overload - Movement stopped
REAL - Load limit

ErrNr: 9061 - ACOPOS continuous current: Overload - Limiter active
REAL - Load limit

ErrNr: 9070 - Motor temperature model: Overload - Movement stopped
REAL - Load limit

ErrNr: 9071 - Motor temperature model: Overload - Limiter active
REAL - Load limit

ErrNr: 9075 - ACOPOS continuous power: Overload - Movement stopped
REAL - Load limit

ErrNr: 9076 - ACOPOS continuous power: Overload - Limiter active
REAL - Load limit

ErrNr: 9078 - Power stage: Temperature sensor 1: Overtemperature - Movement stopped
REAL - Temperature

ErrNr: 9079 - Power stage: Temperature sensor 1: Overtemperature - Limiter active
REAL - Temperature

ErrNr: 9080 - Charging resistor: Overtemperature
REAL - Temperature limit

ErrNr: 9081 - Power stage temperature model: Overtemperature - Movement stopped
REAL - Temperature

ErrNr: 9082 - Power stage temperature model: Overtemperature - Limiter active

REAL - Temperature
ErrNr: 9083 - Power stage: Temperature sensor 2: Overtemperature - Movement stopped
REAL - Temperature
ErrNr: 9084 - Power stage: Temperature sensor 2: Overtemperature - Limiter active
REAL - Temperature
ErrNr: 9085 - Power stage: Temperature sensor 3: Overtemperature - Movement stopped
REAL - Temperature
ErrNr: 9086 - Power stage: Temperature sensor 3: Overtemperature - Limiter active
REAL - Temperature
ErrNr: 9087 - Power stage: Temperature sensor 4: Overtemperature - Movement stopped
REAL - Temperature
ErrNr: 9088 - Power stage: Temperature sensor 4: Overtemperature - Limiter active
REAL - Temperature
ErrNr: 9089 - Motor encoder temperature sensor: Overtemperature
REAL - Temperature
ErrNr: 9090 - Motor encoder temperature sensor: Temperature value not valid
ErrNr: 9300 - Current controller: Overcurrent
REAL - Limit
ErrNr: 10000 - Identification parameter(s) missing
ErrNr: 10001 - Parameter identification: Invalid sub-mode
ErrNr: 10100 - Parameter identification: Quality factor not fulfilled
ErrNr: 10101 - No ISQ-filter free
ErrNr: 10102 - No resonance-frequency for ISQ-filter (band-stop) found
UINT - Filter
ErrNr: 10103 - Autotuning: Maximum lag error exceeded
REAL - Current lag error
ErrNr: 10500 - Induction stop was terminated
ErrNr: 29200 - The axis object is invalid
UINT - PLCopen_FB
ErrNr: 29203 - Drive is not ready
UINT - PLCopen_FB
ErrNr: 29204 - Invalid parameter number
UINT - PLCopen_FB
ErrNr: 29205 - The axis is not homed
UINT - PLCopen_FB
ErrNr: 29206 - The controller is off
UINT - PLCopen_FB
ErrNr: 29207 - This movement type is currently not allowed
UINT - PLCopen_FB
ErrNr: 29208 - The axis object was changed since last FB call
UINT - PLCopen_FB
ErrNr: 29209 - The drive is in error state
UINT - PLCopen_FB
ErrNr: 29210 - Parameter initialization (Global-init) failed
UINT - PLCopen_FB
ErrNr: 29211 - Switching the motor holding brake not possible. Controller is on
UINT - PLCopen_FB
ErrNr: 29214 - Homing not possible
UINT - PLCopen_FB

ErrNr: 29215 - Discrete movement not possible
UINT - PLCopen_FB

ErrNr: 29216 - Continuous movement not possible
UINT - PLCopen_FB

ErrNr: 29217 - Invalid input parameter
UINT - PLCopen_FB

ErrNr: 29218 - Unknown PLCopen axis state
UINT - PLCopen_FB

ErrNr: 29219 - Invalid PLCopen parameter value
UINT - PLCopen_FB

ErrNr: 29221 - No cam name
UINT - PLCopen_FB

ErrNr: 29222 - Error at cam download
UINT - PLCopen_FB

ErrNr: 29225 - The target position is outside the axis period
UINT - PLCopen_FB

ErrNr: 29226 - Error on drive. Use MC_ReadAxisError for details
UINT - PLCopen_FB

ErrNr: 29227 - No further master position can be sent on the network from this drive
UINT - PLCopen_FB

ErrNr: 29228 - No further master position can be read from the network by this drive
UINT - PLCopen_FB

ErrNr: 29229 - Synchronized movement not possible
UINT - PLCopen_FB

ErrNr: 29230 - Internal error: Error at parameter list transfer
UINT - PLCopen_FB

ErrNr: 29231 - The master velocity is invalid, 0 or negative
UINT - PLCopen_FB

ErrNr: 29232 - Internal error: Invalid SPT resource type
UINT - PLCopen_FB

ErrNr: 29233 - SPT resource of required type not available
UINT - PLCopen_FB

ErrNr: 29234 - Internal error: Number of requested SPT resources is not available
UINT - PLCopen_FB

ErrNr: 29235 - The functionality is not available for the current axis type
UINT - PLCopen_FB

ErrNr: 29237 - Error in TriggerInput parameters
UINT - PLCopen_FB

ErrNr: 29238 - The FB cannot be used in the current state
UINT - PLCopen_FB

ErrNr: 29239 - This functionality is not available on CAN-Bus
UINT - PLCopen_FB

ErrNr: 29240 - The specified ParID can't be used because of the data type size
UINT - PLCopen_FB

ErrNr: 29241 - Wrong data type for specified ParID
UINT - PLCopen_FB

ErrNr: 29242 - Cyclic read data full
UINT - PLCopen_FB

ErrNr: 29244 - Internal error during configuration of cyclic data

UINT - PLCopen_FB
ErrNr: 29246 - TouchProbe window invalid
UINT - PLCopen_FB
ErrNr: 29247 - Master sync position cannot be reached
UINT - PLCopen_FB
ErrNr: 29250 - CamTableID is invalid
UINT - PLCopen_FB
ErrNr: 29251 - Error at parameter table download
UINT - PLCopen_FB
ErrNr: 29252 - Error at parameter list initialization
UINT - PLCopen_FB
ErrNr: 29253 - Error at parameter sequence download
UINT - PLCopen_FB
ErrNr: 29254 - Error at parameter sequence initialization
UINT - PLCopen_FB
ErrNr: 29255 - Initialization not possible, axis coupling is active
UINT - PLCopen_FB
ErrNr: 29256 - Multiple commands not possible at the same time
UINT - PLCopen_FB
ErrNr: 29257 - The specified data address is invalid
UINT - PLCopen_FB
ErrNr: 29260 - No data object name specified
UINT - PLCopen_FB
ErrNr: 29261 - Invalid data object index
UINT - PLCopen_FB
ErrNr: 29262 - Master channel already in use
UINT - PLCopen_FB
ErrNr: 29263 - Slave channel already in use
UINT - PLCopen_FB
ErrNr: 29264 - Cyclic write data full
UINT - PLCopen_FB
ErrNr: 29265 - Communication to drive failed
UINT - PLCopen_FB
ErrNr: 29266 - The MasterParID was changed since last FB call
UINT - PLCopen_FB
ErrNr: 29267 - Invalid number of cam profile polynomials
UINT - PLCopen_FB
ErrNr: 29268 - PLCopen_FB aborted by another one
UINT - PLCopen_FB
ErrNr: 29269 - Error during saving of the NC-INIT parameter module
UINT - PLCopen_FB
ErrNr: 29270 - Error during loading of the NC-INIT parameter module
UINT - PLCopen_FB
ErrNr: 29271 - Selected MC_TouchProbe function block is not active
UINT - PLCopen_FB
ErrNr: 29272 - Error at initialization of Automat
UINT - PLCopen_FB
ErrNr: 29273 - The given "Subject" is invalid
UINT - PLCopen_FB

ErrNr: 29274 - Error at initialization of parameters
UINT - PLCopen_FB

ErrNr: 29275 - At least one input value was changed while "Enable = TRUE"
UINT - PLCopen_FB

ErrNr: 29276 - A phase shift is already in progress
UINT - PLCopen_FB

ErrNr: 29277 - A offset shift is already in progress
UINT - PLCopen_FB

ErrNr: 29278 - No period for Axis, Master, Slave or FB input defined
UINT - PLCopen_FB

ErrNr: 29279 - Output value cannot be calculated
UINT - PLCopen_FB

ErrNr: 29280 - No valid master defined
UINT - PLCopen_FB

ErrNr: 29281 - This functionality is not available for ACOPOSmulti drives
UINT - PLCopen_FB

ErrNr: 29282 - Command can't currently be executed
UINT - PLCopen_FB

ErrNr: 29283 - Master or slave position of the first cam profile point not equal to 0
UINT - PLCopen_FB

ErrNr: 29284 - Too few curve points
UINT - PLCopen_FB

ErrNr: 29285 - Invalid cam profile section type
UINT - PLCopen_FB

ErrNr: 29286 - Invalid mode for the last cam profile point
UINT - PLCopen_FB

ErrNr: 29287 - Invalid master or slave position for last cam profile point
UINT - PLCopen_FB

ErrNr: 29288 - Master positions are not strictly monotonic increasing
UINT - PLCopen_FB

ErrNr: 29289 - Invalid boundary parameters
UINT - PLCopen_FB

ErrNr: 29290 - Too many cam profile polynomials
UINT - PLCopen_FB

ErrNr: 29291 - Turning point outside of cam profile section
UINT - PLCopen_FB

ErrNr: 29292 - Identical slave positions not permitted
UINT - PLCopen_FB

ErrNr: 29293 - Specified data length is 0 or too low
UINT - PLCopen_FB

ErrNr: 29294 - Not able to determine error text. See error text string for details
UINT - PLCopen_FB

ErrNr: 29295 - An error has occurred. See "ErrorRecord" output for details
UINT - PLCopen_FB

ErrNr: 29297 - Problem with variable in permanent memory
UINT - PLCopen_FB

ErrNr: 29299 - Error occurred during the setup operation
UINT - PLCopen_FB

ErrNr: 29300 - Invalid number of polynomials in the cam

UINT - PLCopen_FB
ErrNr: 29301 - No cam value can be calculated
UINT - PLCopen_FB
ErrNr: 29302 - One instance of the function block is already active
UINT - PLCopen_FB
ErrNr: 29303 - Specified IntervalTime too small
UINT - PLCopen_FB
ErrNr: 29305 - ParID cannot be read in this mode
UINT - PLCopen_FB
ErrNr: 29306 - Invalid interpolator mode
UINT - PLCopen_FB
ErrNr: 29307 - Master period is zero
UINT - PLCopen_FB
ErrNr: 29308 - Internal calculation error
UINT - PLCopen_FB
ErrNr: 29309 - General internal error
UINT - PLCopen_FB
ErrNr: 29310 - Calculated compensation exceeds limit values
UINT - PLCopen_FB
ErrNr: 29311 - Maximum time expired
UINT - PLCopen_FB
ErrNr: 29312 - An error occurred during the holding brake test
UINT - PLCopen_FB
ErrNr: 29489 - Internal values of the axis structure are invalid
UINT - PLCopen_FB
ErrNr: 29490 - Error at internal initialization (global init)
UINT - PLCopen_FB
ErrNr: 29491 - Error at internal initialization (software limits)
UINT - PLCopen_FB
ErrNr: 29492 - Error at internal initialization (homing of virtual axis)
UINT - PLCopen_FB
ErrNr: 29498 - ACP10_MC library: Initialization aborted
UINT - PLCopen_FB
ErrNr: 29499 - ACP10_MC library: Error with details in "ASCII Data"
UINT - PLCopen_FB
ErrNr: 31201 - Di/Do Interface: Drive not ready
ErrNr: 31220 - Encoder error: Encoder not configured
UINT - Enclf Index
ErrNr: 31221 - Encoder error: Cable disturbance or signal disturbance
UINT - Enclf Index
ErrNr: 31224 - Encoder Interface: HW Module not OK
UINT - Enclf Index
ErrNr: 31240 - Homing procedure mode not allowed with current HW Type
ErrNr: 31247 - Drive Interface: DrvOK not set from HW Module
ErrNr: 31248 - Trigger Interface: HW Module not OK
UINT - TrigIf Index
ErrNr: 31249 - Drive Interface: HW Module not OK
ErrNr: 31250 - Di/Do Interface: HW Module not OK
ErrNr: 31260 - Current axis configuration only possible in simulation mode

ErrNr: 31261 - Change mode for servo drive adjustment not allowed
ErrNr: 32001 - Error calling CAN_xopen()
 UINT - Status of CAN_xopen()
ErrNr: 32002 - Error defining Write COB for Broadcast Command
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32003 - Error defining Write COB for Parameter Read Request
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32004 - Error defining Write COB for Parameter Write Request
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32005 - Error defining Read COB for Parameter Read Response
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32006 - Error defining Read COB for Parameter Write Response
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32007 - Error defining Read COB for Monitor Data from the drive
 UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)
ErrNr: 32008 - Error sending Read Request (network error ?)
 UINT - Status of CAN_sendCOB()
ErrNr: 32009 - Error sending Write Request (network error ?)
 UINT - Status of CAN_sendCOB()
ErrNr: 32010 - Drive not responding to Read Request (is the drive in the network ?)
 UDINT - Timeout [usec]
ErrNr: 32011 - Drive not responding to Write Request (is the drive in the network ?)
 UDINT - Timeout [usec]
ErrNr: 32012 - Error reading module description of system module
ErrNr: 32013 - No operating system present on the drive
ErrNr: 32014 - Operating system version on the drive not compatible with NC manager version
 UINT - Operating system version on the drive
ErrNr: 32015 - Error creating message queue
 UINT - Status of q_create()
ErrNr: 32016 - Error sending an idle time command to the NC Manager Task
 UINT - Status of q_send()
ErrNr: 32017 - Wrong boot state after start of operating system
 UINT - Boot state
ErrNr: 32018 - Invalid Parameter ID in system module
 UINT - Parameter-ID
ErrNr: 32019 - Download of NC system module not allowed (the module is on the PLC)
ErrNr: 32020 - System module data could not be read from the drive during NC manager INIT
ErrNr: 32021 - System module data could not be read from the drive after download
ErrNr: 32022 - Error aborting data block access before download
ErrNr: 32023 - Error reading boot state before download
ErrNr: 32025 - Wrong boot state after SW Reset before download
 UINT - Boot state
ErrNr: 32026 - Error during INIT of data block write access for download
ErrNr: 32027 - Error sending data segment for download
ErrNr: 32029 - Response error after sending data segment for download
ErrNr: 32030 - Error at command for system module burn after download
ErrNr: 32031 - Error reading status for system module burn after download
ErrNr: 32032 - Error while burning system module after download
 USINT - Error status from burning system module

ErrNr: 32033 - Timeout while burning system module after download
USINT - Last status from burning system module

ErrNr: 32034 - Error at SW Reset before download

ErrNr: 32035 - Error at SW Reset after download

ErrNr: 32036 - Different system module data after download

ErrNr: 32037 - Error message(s) lost because of FIFO overflow (acknowledge errors)

ErrNr: 32038 - Error searching for INIT parameter module
UINT - Status of function MO_modul_search()

ErrNr: 32039 - Error reading INIT parameter module
UINT - Status of function MO_read()

ErrNr: 32040 - Version of INIT parameter module is not compatible to NC manager
UINT - Version of INIT parameter module

ErrNr: 32041 - The module acp10cfg does not exist

ErrNr: 32042 - The module acp10cfg is not an NC data module

ErrNr: 32043 - The NC module type of the module acp10cfg is invalid

ErrNr: 32044 - The NC module type of the module acp10cfg cannot be read

ErrNr: 32045 - The data address in module acp10cfg cannot be read

ErrNr: 32046 - The data section of module acp10cfg is empty
UINT - Number of data section

ErrNr: 32047 - A CAN node number in module acp10cfg is invalid

ErrNr: 32048 - A CAN node number in module acp10cfg is used repeatedly

ErrNr: 32049 - This NC action is not allowed during Trace is active

ErrNr: 32050 - A Trace Data Upload is already active

ErrNr: 32051 - Invalid Trace Status for Trace Data Upload

ErrNr: 32053 - Error defining Write COB for Parameter Read Request 2
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32054 - Error defining Write COB for Parameter Write Request 2
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32055 - Error defining Read COB for Parameter Read Response 2
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32056 - Error defining Read COB for Parameter Write Response 2
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32057 - Error accessing HS task class table
UINT - Status of SS_get_entry()

ErrNr: 32058 - Error accessing task class table
UINT - Status of SS_get_entry()

ErrNr: 32059 - Parameter tk_no invalid for access to task class table
UINT - Value of tk_no

ErrNr: 32060 - Timeout for cyclic data from drive - Indications invalid (network error ?)

ErrNr: 32061 - Timeout sending a Read Request telegram (network error ?)

ErrNr: 32062 - Timeout sending a Write Request telegram (network error ?)

ErrNr: 32063 - Data address zero (set/read parameter via service interface)

ErrNr: 32064 - Convert text into binary data is not possible for this parameter data type

ErrNr: 32065 - Convert binary data into text is not possible for this parameter data type

ErrNr: 32066 - Parameter ID zero (set/read parameter via service interface)

ErrNr: 32067 - Parameter ID invalid (set/read parameter with option ncDATA_TEXT)

ErrNr: 32069 - The data address of the ACOPOS parameters in module acp10cfg cannot be read

ErrNr: 32070 - Drive for ACOPOS parameters in module acp10cfg not found
UINT - Interface index (in HB) and node number (in LB) of this drive

ErrNr: 32071 - The ACOPOS parameters are invalid (an update of AutomationStudio is necessary)
ErrNr: 32072 - Wrong boot state after SW Reset
 UINT - Boot state
ErrNr: 32073 - Download of NC system module: Error reading NC hardware version of BsLoader
ErrNr: 32074 - Incompatible NC hardware version: Download of BsLoader not possible
 UINT - Version ID of NC system module (in HB) and version ID of ACOPOS (in LB)
ErrNr: 32075 - Incompatible NC hardware version: Download of operating system not possible
 UINT - Version ID of NC system module (in HB) and version ID of ACOPOS (in LB)
ErrNr: 32076 - FIFO for messages with high priority to NC Manager Task is full
ErrNr: 32077 - A POWERLINK node number in module acp10cfg is invalid
ErrNr: 32078 - A POWERLINK node number in module acp10cfg is used repeatedly
ErrNr: 32079 - With this version one CAN interface must be in module acp10cfg
ErrNr: 32080 - With this version one POWERLINK interface must be in module acp10cfg
ErrNr: 32081 - With this version only one POWERLINK interface is allowed in module acp10cfg
ErrNr: 32082 - Module acp10cfg contains a CAN interface without any drive node
ErrNr: 32083 - Module acp10cfg contains a POWERLINK interface without any drive node
ErrNr: 32084 - The NC configuration does not contain any ACOPOS module
ErrNr: 32085 - Module acp10cfg invalid (AutomationStudio V2.2 or higher necessary)
ErrNr: 32086 - With this version no CAN interface is allowed in module acp10cfg
ErrNr: 32087 - With this version no POWERLINK interface is allowed in module acp10cfg
ErrNr: 32088 - The INIT parameter module specified in the NC Mapping Table does not exist
ErrNr: 32089 - NC-HW-ID of INIT parameter module is not compatible to NC manager
 UINT - NC-HW-ID of INIT parameter module
ErrNr: 32090 - NC object type of INIT parameter module is not equal to NC object
 UINT - NC object type of INIT parameter module
ErrNr: 32091 - Invalid block data in INIT parameter module (data range exceeded)
 UDINT - Offset in data section of INIT parameter module
ErrNr: 32092 - Error sending a command to the NC Idle Task
 UINT - Status of send function
ErrNr: 32093 - NcManCtrl is defined repeatedly with different values
ErrNr: 32094 - NetworkInit is defined repeatedly for ncMANAGER with different values
ErrNr: 32095 - Value of drive group in CAN-CFG-Module higher than maximum value
 UINT - Maximum value
ErrNr: 32096 - Size of data buffer for trace data upload in module acp10cfg too small
ErrNr: 32097 - All counts of used network interfaces in module acp10cfg are zero
ErrNr: 32098 - Version of the module acp10cfg is not compatible with NC manager
ErrNr: 32099 - Length of data section of module acp10cfg is too small
 UINT - Number of data section
ErrNr: 32100 - Memory for NC error text management cannot be allocated
 UINT - Status of SM_malloc()
ErrNr: 32101 - Error accessing NC error text module in BR module table
 UINT - Status of SS_get_entry()
ErrNr: 32102 - Version ID of error text module not equal to that of NC manager
ErrNr: 32103 - Data section of error text module cannot be read
 UINT - Number of data section
ErrNr: 32104 - Data section of error text module is empty
 UINT - Number of data section
ErrNr: 32105 - Length of data section of error text module is too small
 UINT - Number of data section

ErrNr: 32106 - Error list of error text module not equal with that of NC manager
UINT - First invalid error number

ErrNr: 32107 - Parameter list of error text module not equal with that of NC manager
UINT - First invalid parameter ID

ErrNr: 32108 - The last error number of error text module is not equal to 65535

ErrNr: 32109 - The last parameter ID of error text module is not equal to 65535

ErrNr: 32110 - Length of data section of CAN-CFG-Module cannot be read
UINT - Status of function MO_section_ing()

ErrNr: 32111 - Length of data section of CAN-CFG-Module is too small
UINT - Expected length

ErrNr: 32112 - The data address in the CAN-CFG-Module cannot be read
UINT - Status of function MO_read()

ErrNr: 32113 - The enable code in the CAN-CFG-Module is invalid

ErrNr: 32114 - Values not equal to zero in reserved area of CAN-CFG-Module

ErrNr: 32115 - The basis CAN ID for WR/RD channel1 in the CAN-CFG-Module is invalid

ErrNr: 32116 - The basis CAN ID for WR/RD channel2 in the CAN-CFG-Module is invalid

ErrNr: 32117 - The basis CAN ID for WR/RD channel3 in the CAN-CFG-Module is invalid

ErrNr: 32118 - The basis CAN ID for monitor data in the CAN-CFG-Module is invalid

ErrNr: 32119 - Invalid basis CAN ID for cyclic data to the drive in CAN-CFG-Module

ErrNr: 32120 - Invalid basis CAN ID for cyclic data from the drive in CAN-CFG-Module

ErrNr: 32121 - The CAN ID for the SYNC telegram in the CAN-CFG-Module is invalid

ErrNr: 32122 - The CAN ID for the broadcast command in the CAN-CFG-Module is invalid

ErrNr: 32123 - Error defining Read COB for WR2 Request (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32124 - Error defining Read COB for WR2 Response (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32125 - Error defining Read COB for RD2 Request (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32126 - Error defining Read COB for RD2 Response (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32127 - Error deleting Write COB for Broadcast Command (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_deleteCOB() (in MLB and LB)

ErrNr: 32128 - Error defining Read COB for Broadcast Command (external set position mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32129 - Error defining Read COB for cyclic user data from drive (ext. set pos. mode)
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32130 - This external set position mode is only allowed with one CAN interface
UINT - Count of used CAN interfaces

ErrNr: 32131 - The specified NC data module does not exist

ErrNr: 32132 - The specified module is not an NC data module

ErrNr: 32133 - The NC module type of the specified NC data module is invalid
UINT - Requested type (in HB) and type of NC data module (in LB)

ErrNr: 32134 - The NC module type of the specified NC data module cannot be read
UINT - Status of function MO_read()

ErrNr: 32135 - The data address of the specified NC data module cannot be read
UINT - Status of function MO_read()

ErrNr: 32136 - The Data section of the specified NC data module is empty
UINT - Number of data section

ErrNr: 32137 - Data address of structure for a data block operation is zero

ErrNr: 32138 - Data address zero (user data for data block operation)
ErrNr: 32139 - Data length zero (user data for data block operation)
ErrNr: 32140 - Data block operation: Data module name or data address must be zero
ErrNr: 32141 - Invalid data format in a parameter sequence
ErrNr: 32142 - ID or type of a parameter invalid in parameter sequence with text format
UDINT - Index of this parameter in the parameter sequence
ErrNr: 32143 - Data of a parameter in a parameter sequence longer than 6 bytes
UDINT - Index of this parameter in the parameter sequence
ErrNr: 32144 - Error for an ACOPOS Parameter Table specified in the NC Mapping Table
UINT - Index of this ACOPOS Parameter Table (name in Logger)
ErrNr: 32145 - The ACOPOS Parameter Table does not exist
ErrNr: 32146 - The ACOPOS Parameter Table is not an NC data module
ErrNr: 32147 - The NC module type of the ACOPOS Parameter Table is invalid
ErrNr: 32148 - The NC module type of the ACOPOS Parameter Table cannot be read
ErrNr: 32149 - The data address in the ACOPOS Parameter Table cannot be read
ErrNr: 32150 - The data section of the ACOPOS Parameter Table is empty
ErrNr: 32151 - Error initializing memory buffer for XML parser
ErrNr: 32152 - No XML elements present in an ACOPOS Parameter Table
ErrNr: 32153 - The first XML element is invalid in the ACOPOS Parameter Table
ErrNr: 32154 - The ACOPOS Parameter Table does not contain any ACOPOS parameters
ErrNr: 32155 - Nesting depth for ACOPOS parameter groups exceeded
UINT - Maximum nesting depth
ErrNr: 32156 - ID or type of an ACOPOS parameter invalid for text conversion
UINT - Parameter ID
ErrNr: 32157 - Length of parameter data too large for ACOPOS parameter in XML data
UINT - Parameter ID
ErrNr: 32158 - ACOPOS parameter: An attribute is not defined (ID)
UINT - Number of this Parameter in the ACOPOS Parameter Table
ErrNr: 32159 - ACOPOS parameter: An attribute is not defined (Value)
UINT - Number of this Parameter in the ACOPOS Parameter Table
ErrNr: 32160 - Basis movements with mode ncTRG_STOP are not allowed for ncV_AXIS
ErrNr: 32161 - ncNC_SYS_RESTART,ncACKNOWLEDGE is not allowed (network.init=ncFALSE)
ErrNr: 32162 - Internal task class number wrong (from now on operation is blocked !!!)
ErrNr: 32163 - A system module download to all drives is not possible with SwNodeSelect
ErrNr: 32164 - The text defined with NetworkInIt (global) is invalid
ErrNr: 32165 - A CAN node number is equal to NodeNr_SwNodeSelect
ErrNr: 32166 - Network initialization during active network initialization not allowed
ErrNr: 32167 - The text defined with NetworkInIt is invalid
ErrNr: 32168 - NodeNr_SwNodeSelect is defined repeatedly with different values
ErrNr: 32169 - The node number defined with NodeNr_SwNodeSelect is invalid
UINT - Node number
ErrNr: 32170 - A data module name has to be entered for this data block operation
ErrNr: 32171 - Index zero is not allowed (user data for data block operation)
ErrNr: 32172 - The specified data module name is not valid for a BR module
UINT - Status of conv_asc2brstr()
ErrNr: 32173 - Memory for data module creation cannot be allocated
UDINT - Data module length
ErrNr: 32174 - Error with installation of data module into BR module table
UINT - Status of BrmFlushModuleMemory()

ErrNr: 32175 - Error with installation of data module into BR module table
UINT - Status of BR_install()

ErrNr: 32176 - Text for parameter data too large for parameter sequence with text format
UDINT - Index of this parameter in the parameter sequence

ErrNr: 32177 - Text for parameter data too large for parameter list with text format
UDINT - Index of this parameter in the parameter list

ErrNr: 32178 - This NC object is not enabled for this ACOPOS (channel number too high)
UINT - Maximum channel number

ErrNr: 32179 - ID or type of a parameter invalid in parameter list with text format
UDINT - Index of this parameter in the parameter list

ErrNr: 32180 - Data address of structure for a parameter list operation is zero

ErrNr: 32181 - Data address zero (user data for parameter list operation)

ErrNr: 32182 - Data length zero (user data for parameter list operation)

ErrNr: 32183 - Data length invalid (user data for parameter list operation)

ErrNr: 32184 - Invalid data format in a parameter list

ErrNr: 32185 - Data of a parameter in a parameter list longer than 6 bytes
UDINT - Index of this parameter in the parameter list

ErrNr: 32186 - NetBasisInitNr is defined repeatedly for ncMANAGER with different values

ErrNr: 32187 - Error for synchronization of network initialization (details in Logger)

ErrNr: 32188 - This NC object is defined in hardware configuration and NC Mapping Table

ErrNr: 32189 - Timeout for cyclic data from drive - Indications invalid (network error ?)
UDINT - Timeout [usec]

ErrNr: 32190 - Error defining Write COB for selection of node number via software
UDINT - CAN-ID (in HB and MHB) and Status of CAN_defineCOB() (in MLB and LB)

ErrNr: 32191 - This parameter ID is reserved for the PLCopen MC library
UDINT - Command ID (0: SERVICE, 1: PAR_LIST, 2: PAR_SEQU, 3: ACP_PAR)

ErrNr: 32192 - The specified data module is not an INIT Parameter module

ErrNr: 32193 - For this NC object type no INIT parameter module is present

ErrNr: 32194 - This function is not implemented for this NC object type

ErrNr: 32195 - Error downloading BsLoader to ACOPOS
UINT - Node number of ACOPOS which caused the error (if not equal to zero)

ErrNr: 32196 - Error downloading operating system to ACOPOS
UINT - Node number of ACOPOS which caused the error (if not equal to zero)

ErrNr: 32197 - Error downloading BsLoader to ACOPOS (additional info in Logger)

ErrNr: 32198 - Error downloading operating system to ACOPOS (additional info in Logger)

ErrNr: 32200 - Error calling pIAcycWrite() (read parameter)
UINT - Status of pIAcycWrite()

ErrNr: 32201 - Error calling pIAcycWrite() (write parameter)
UINT - Status of pIAcycWrite()

ErrNr: 32202 - Error calling pIAcycRead() (read parameter)
UINT - Status of pIAcycRead()

ErrNr: 32203 - Error calling pIAcycRead() (write parameter)
UINT - Status of pIAcycRead()

ErrNr: 32204 - Timeout while reading par. via acyclic channel (is the drive in the network ?)
UDINT - Timeout [usec]

ErrNr: 32205 - Timeout while writing par. via acyclic channel (is the drive in the network ?)
UDINT - Timeout [usec]

ErrNr: 32206 - Cyclic channel: Read Request in spite of Wait for Response

ErrNr: 32207 - Cyclic channel: Write Request in spite of Wait for Response

ErrNr: 32208 - Error using plAction(DEVICE_TO_BUS_NR) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32209 - Error using plAction(GET_IDENT) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32210 - Wrong interface ident when calling plState() (additional info in Logger)
UDINT - Interface ident
ErrNr: 32211 - Interface not available when calling plState() (additional info in Logger)
ErrNr: 32212 - Fatal interface error when calling plState() (additional info in Logger)
ErrNr: 32213 - Timeout for POWERLINK interface (additional info in Logger)
ErrNr: 32214 - Error calling plAcycOpen() (additional info in Logger)
UINT - Status of plAcycOpen()
ErrNr: 32215 - Error calling plCECreate() (additional info in Logger)
UINT - Status of plCECreate()
ErrNr: 32216 - Error using plAction(GET_IF_PAR) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32217 - Broadcast channel: Error calling plAcycWrite() (read parameter)
UINT - Status of plAcycWrite()
ErrNr: 32218 - Broadcast channel: Error calling plAcycWrite() (write parameter)
UINT - Status of plAcycWrite()
ErrNr: 32219 - Error using plAction(GET_IF_MUXPRESCALE) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32220 - Error using plAction(GET_IF_CYCLE_TIME) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32221 - Error using plAction(GET_IF_PRESCALE) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32222 - Error using plAction(GET_STATIONFLAG) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32223 - Error calling plGetNodeInfo() (additional info in Logger)
UINT - Status of plGetNodeInfo()
ErrNr: 32224 - Error calling plAction(GET_PROTOCOL_VERSION) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32225 - This ACOPOS POWERLINK node does not exist in the AR Configuration
ErrNr: 32226 - A SDC node number in module acp10cfg is invalid
ErrNr: 32227 - A SDC node number in module acp10cfg is used repeatedly
ErrNr: 32228 - There is no network interface (POWERLINK or SDC) contained in acp10cfg
ErrNr: 32229 - The object acp10sdc does not exist (necessary for SDC NC objects)
ErrNr: 32230 - Error at initialization of ACP10SDC or ACP10SIM (see Logger)
ErrNr: 32231 - Error at SDC configuration (see Logger)
ErrNr: 32232 - The object acp10sim does not exist (necessary for ACOPOS simulation)
ErrNr: 32233 - The object acp10bsl contains no NC system module
ErrNr: 32234 - The object acp10sys contains no NC system module
ErrNr: 32235 - Data address zero for parameter in parameter sequence
UDINT - Index of this parameter in the parameter sequence
ErrNr: 32236 - Data address zero for parameter in parameter list
UDINT - Index of this parameter in the parameter list
ErrNr: 32237 - Channel index for ACOPOS parameters in module acp10cfg is invalid
UINT - Interface index (in HB) and node number (in LB) of this drive
ErrNr: 32238 - This function is not implemented at this time
ErrNr: 32239 - Basic memory for INIT parameter modules could not be allocated

UINT - Status of SM_malloc()
ErrNr: 32240 - NC object data invalid (PV with INIT value in variable declaration ?)
ErrNr: 32241 - Data block operation: Data module name must be zero
ErrNr: 32242 - Conditions for cam profile transfer via Systick-Task are not fulfilled
ErrNr: 32243 - Error using plAction(GET_PDO_INFO) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32244 - No PDO defined in the cyclic frame for this channel: NC object is disabled
ErrNr: 32245 - The Memory for operating the broadcast channel cannot be allocated
ErrNr: 32246 - 'Direction' of the POWERLINK broadcast channel is not 'Output'
ErrNr: 32247 - Error using plAction(GET_TC_INFO) (additional info in Logger)
UINT - Status of plAction()
ErrNr: 32251 - NcNetCyc: Response timeout
UDINT - Timeout [usec]
ErrNr: 32252 - NcNetCyc: Unexpected Response (invalid counter value)
ErrNr: 32253 - The task class for POWERLINK output cycle trigger is invalid
USINT - Maximum task class number
ErrNr: 32259 - There are currently no trace data to be saved
ErrNr: 32260 - Trace: No valid test data point is defined
ErrNr: 32261 - Trace trigger: The NC object is invalid
ErrNr: 32262 - Trace test data point: The NC object is invalid
UINT - Index of test data point
ErrNr: 32263 - Trace trigger: The NC object is not enabled for this ACOPOS
ErrNr: 32264 - Trace test data point: The NC object is not enabled for this ACOPOS
UINT - Index of test data point
ErrNr: 32265 - Trace trigger: Trace for this NC object already active at trace start
ErrNr: 32266 - Trace test data point: Trace for this NC object already active at trace start
UINT - Index of test data point
ErrNr: 32267 - Trace trigger: The NC object is not enabled for trace commands
ErrNr: 32268 - Trace test data point: The NC object is not enabled for trace commands
UINT - Index of test data point
ErrNr: 32269 - Trace: Too many test data points defined for one trace channel
UINT - Max. number of test data points
ErrNr: 32270 - ACOPOS coupling: The channel number of send data is invalid
ErrNr: 32271 - ACOPOS coupling: The channel number of receive data is invalid
ErrNr: 32272 - ACOPOS coupling: Send data with this channel number are not configured
ErrNr: 32273 - ACOPOS coupling: The NC object of send data is invalid
ErrNr: 32274 - Network coupling: The broadcast channel was not configured
ErrNr: 32275 - Network coupling: The broadcast channel was not successfully initialized
ErrNr: 32276 - Network coupling: Cycle times not equal (network interfaces, NC task class)
ErrNr: 32277 - Network coupling: In the broadcast channel no more data record has place
ErrNr: 32278 - ACOPOS coupling: Zero as Parameter ID of send data is not allowed
ErrNr: 32279 - Service interface: Data address zero
ErrNr: 32280 - Timeout for enable of acyclic network communication
UDINT - Timeout [sec]
ErrNr: 32281 - Version of SafeMC lower than minimum version (see Logger)
ErrNr: 32282 - Network coupling: Incompatible cycle times (network interfaces, NC task class)
ErrNr: 32283 - INIT broadcast data point: Call of NC action only allowed in NC Manager TC
USINT - Number of NC Manager task class
ErrNr: 32284 - Ext. coupling data: With this AR/NC version only for TC1 with synchr. output

USINT - Number of NC Manager task class
ErrNr: 32285 - INIT broadcast data point: Incompatible cycle times (POWERLINK, NC manager)
USINT - Extended coupling data für ACP10_MC_BROADCAST (0/1: No/Yes)
ErrNr: 32286 - Network coupling: Incompatible cycle times (network interfaces, NC task class)
USINT - Extended coupling data für ACP10_MC_BROADCAST (0/1: No/Yes)
ErrNr: 32287 - Extended coupling data not possible (OutTime difference too large)
UDINT - Difference between maxOutTime and minOutTime
ErrNr: 32288 - Extended coupling data not possible (task class tolerance is not zero)
USINT - Number of NC Manager task class
ErrNr: 32294 - NC Manager error: Pointer of function nctune_sequ() is zero
ErrNr: 32295 - NC Manager error: Data structure address zero when calling nctune_sequ()
ErrNr: 32296 - NC Manager error: Data structure size invalid when calling nctune_sequ()
ErrNr: 32297 - NC Manager error: NC object address zero when calling nctune_sequ()
ErrNr: 32298 - NC Manager error: Unknown error number when calling nctune_sequ()
UINT - Error number
ErrNr: 32300 - For controller setup the library acp10tun must be transferred to the target
ErrNr: 32301 - Setup start not allowed: 'count.error' is greater than zero
ErrNr: 32302 - Start setup not possible: A setup operation is already active
ErrNr: 32303 - Setup start not possible: The axis is not global initialized
ErrNr: 32304 - Setup start not possible: The controller is not switched off
ErrNr: 32305 - Setup start not possible: The controller is not ready
ErrNr: 32306 - Setup start not possible: The trace is already active
ErrNr: 32307 - Setup for controller: Percentage for rated current higher than maximum value
DINT - Maximum value
ErrNr: 32308 - Setup for controller: Percentage for rated current lower than minimum value
DINT - Minimum value
ErrNr: 32309 - Setup for controller: Percentage for speed higher than maximum value
DINT - Maximum value
ErrNr: 32310 - Setup for controller: Percentage for speed lower than minimum value
DINT - Minimum value
ErrNr: 32311 - Setup for controller: Move distance higher than maximum value
DINT - Maximum value
ErrNr: 32312 - Setup for controller: Move distance lower than minimum value
DINT - Minimum value
ErrNr: 32313 - Setup start not possible with this mode: The axis is not referenced
ErrNr: 32314 - Setup for controller: Mode invalid
ErrNr: 32315 - Setup for controller: Mode invalid (Library)
UDINT - Mode
ErrNr: 32316 - Setup for controller: The calculated inertia is zero
ErrNr: 32317 - Setup for controller: SCTRL_KV is zero
ErrNr: 32318 - Setup for controller: POS_CTRL_KV is zero
ErrNr: 32319 - Setup for controller: Calculation of result parameters was not possible
ErrNr: 32320 - Setup for controller: Speed limit values too high for MOTOR_SPEED_RATED
REAL - Maximum allowed speed limit value
ErrNr: 32321 - Setup for controller: Coefficient a0 is zero ('+ nclSQ_F1_NOTCH' not possible)
ErrNr: 32399 - Manual ACOPOS restart (POWER-OFF/-ON) after NCSYS download necessary
ErrNr: 32400 - Memory cannot be allocated
UDINT - Memory size
ErrNr: 32401 - No file name specified

ErrNr: 32402 - The specified file cannot be opened
ErrNr: 32403 - The specified file cannot be created
ErrNr: 32404 - Error at writing into a file
ErrNr: 32405 - Error at reading from a file
ErrNr: 32406 - The specified file cannot be created
 UINT - Status of FileCreate()
ErrNr: 32407 - Error at writing into a file
 UINT - Status of FileWrite()
ErrNr: 32408 - Error at closing a file
 UINT - Status of FileClose()
ErrNr: 32409 - The specified file cannot be deleted
 UINT - Status of FileDelete()
ErrNr: 32410 - The data object type is invalid
ErrNr: 32411 - The address of the data object structure is zero
ErrNr: 32412 - The name in the data object structure is zero
ErrNr: 32413 - The data address in the data object structure is zero
ErrNr: 32414 - The data length in the data object structure is zero
ErrNr: 32415 - No File Device specified
ErrNr: 32416 - The FileIO functions do not exist (is library FileIO existing ?)
ErrNr: 32417 - Error at writing into an NC data module
 UINT - Status of ncda_wr()
ErrNr: 32418 - No XML elements present in MTC data
ErrNr: 32419 - MTC data: XML elements invalid or in wrong order
ErrNr: 32420 - The MTC data contain an invalid configuration
ErrNr: 32421 - The MTC data contain noconfiguration for Multi Axes Trace
ErrNr: 32422 - The MTC data contain more than one configuration for Multi Axes Trace
ErrNr: 32423 - MTC-Daten: Trigger.NcObject ist invalid
ErrNr: 32424 - MTC-Daten: Trigger.Condition ist invalid
ErrNr: 32425 - MTC-Daten: Channel.NcObject ist invalid
ErrNr: 32426 - Trace trigger: The event is invalid
ErrNr: 32427 - Trace trigger: Parameter ID zero not allowed if event unequal to OFF
ErrNr: 32428 - The data object format is invalid
ErrNr: 32492 - ACOPOS Simulation: TC for cyclic PLCopen data not equal to NC Manager TC
ErrNr: 32494 - AcoposSimulation=Off for one channel although activated for the other channel
 USINT - Channel number with AcoposSimulation=Off
ErrNr: 32495 - AcoposSimulation: Different values defined for real and virtual axis
 USINT - Channel number of NC objects
ErrNr: 32496 - Error creating cyclic task for PLCopen MC (details in Logger)
ErrNr: 32497 - Task class for handling of cyclic data with PLCopen in acp10cfg is invalid
 USINT - Maximum task class number
ErrNr: 32498 - PLCopen_CyclicData_TaskClass is lower than zero or higher than maximum value
 USINT - Maximum value
ErrNr: 32499 - PLCopen_CyclicData_TaskClass: Values for real and virtual axis are not equal
 USINT - Channel number of NC objects
ErrNr: 32500 - The Message FIFO already exists
ErrNr: 32501 - Error creating Message FIFO
 UINT - Status of RtkCreateFifo()
ErrNr: 32502 - The Critical Section for Command Semaphore already exists
ErrNr: 32503 - Error creating Critical Section for Command Semaphore

UINT - Status of RtkCreateCriticalSection()
ErrNr: 32504 - The NC Manager Idle Task already exists
ErrNr: 32505 - Error creating NC Manager Idle Task
UINT - Status of RtkCreateTask()
ErrNr: 32506 - Error reading Taskclass Cycle Time
UINT - Status of GetTaskclassCycleTime()
ErrNr: 32507 - Error reading Taskclass Tolerance
UINT - Status of GetTaskclassMaxCycleTime()
ErrNr: 32508 - Error sending an idle time command to the NC Manager Task
UINT - Status of RtkWriteFifo()
ErrNr: 32509 - The Critical Section for Network Command Trace already exists
ErrNr: 32510 - Error creating Critical Section for Network Command Trace
UINT - Status of RtkCreateCriticalSection()
ErrNr: 32511 - The Critical Section for messages with high priority already exists
ErrNr: 32512 - Error creating Critical Section for messages with high priority
UINT - Status of RtkCreateCriticalSection()
ErrNr: 32513 - The Critical Section for global variables already exists
ErrNr: 32514 - Error creating Critical Section for global variables
UINT - Status of RtkCreateCriticalSection()
ErrNr: 32738 - Error writing into SDM Motion FIFO
ErrNr: 32739 - Error creating SDM Motion FIFO (see Logger)
ErrNr: 32740 - Error deleting SDM Motion FIFO (see Logger)
ErrNr: 32741 - Error creating SDM Motion task (see Logger)
ErrNr: 32742 - Error deleting SDM Motion task (see Logger)
ErrNr: 32743 - SDM_Motion_Action: naction() did not return with ncOK
ErrNr: 32744 - SDM_Motion_Action not allowed (still no Trace configuration loaded)
ErrNr: 32745 - SDM_Motion_Action not allowed (Motion Trace already started by application)
ErrNr: 32746 - SDM_Motion_Action not allowed (Motion Trace already started by SDM)
ErrNr: 32747 - SDM_Motion_Action: DataAddress is zero or defined
ErrNr: 32748 - SDM_Motion_Action: DataLen is zero or defined
ErrNr: 32749 - SDM_Motion_Action: BrModName is too long
ErrNr: 32750 - SDM_Motion_Action: BrModName is not defined
ErrNr: 32751 - SDM_Motion_Action: FileName is not defined
ErrNr: 32752 - SDM_Motion_Action not possible: AR function does not exist (see Logger)
ErrNr: 32753 - SDM_Motion_Action: CREATE_NCOBJ_LIST must be called before this action
ErrNr: 32754 - SDM_Motion_Action: The NC object type is invalid for this action
ErrNr: 32755 - SDM_Motion_Action: Memory free error
ErrNr: 32756 - SDM_Motion_Action: Memory alloc error
ErrNr: 32757 - SDM_Motion_Action: This action is not yet implemented
ErrNr: 32758 - SDM_Motion_Action: The NC object ident is invalid for this action
ErrNr: 32759 - SDM_Motion_Action: The NC object ident must be zero for this action
ErrNr: 32760 - SDM_Motion_Action: Pointer of exit function arguments is zero or not defined
ErrNr: 32761 - SDM_Motion_Action: Pointer of exit function is zero or not defined
ErrNr: 32762 - SDM_Motion_Action: The first XML element in input data is invalid
ErrNr: 32763 - SDM_Motion_Action: No XML element in input data
ErrNr: 32764 - SDM_Motion_Action: Error initializing memory buffer for XML parser
ErrNr: 32765 - SDM_Motion_Action: Length of XML input data is zero
ErrNr: 32766 - SDM_Motion_Action: Pointer of XML input data is zero
ErrNr: 32767 - SDM_Motion_Action: Invalid actionID

ErrNr: 33000 - Master cycle time is not a multiple of communication cycle time
ErrNr: 33002 - Floating-Point exception
UDINT - EPC
ErrNr: 33003 - Address error exception
UDINT - EPC
ErrNr: 33004 - Bus error exception
UDINT - EPC
ErrNr: 33005 - Exception
UDINT - EPC
ErrNr: 33006 - Access violation Exception
UDINT - EPC
ErrNr: 33007 - Violation address
UDINT - ADDR
ErrNr: 35000 - SMC Fail Safe: Internal error, Program flow
UDINT - Switch ID
ErrNr: 35001 - SMC Fail Safe: Internal error, NULL pointer access
UDINT - Pointer ID
ErrNr: 35002 - SMC Fail Safe: Internal error, SPI transfer
UDINT - Additional info
ErrNr: 35003 - SMC Fail Safe: Internal error, MFW NVM data memory
ErrNr: 35004 - SMC Fail Safe: Internal error, Communication EnDat Master
UDINT - Additional info
ErrNr: 35005 - SMC Fail Safe: Internal error, Communication ACOPOS
UDINT - Additional info
ErrNr: 35006 - SMC Fail Safe: Internal error, Communication Encoder
UDINT - Additional info
ErrNr: 35016 - SMC Fail Safe: Internal error, Cross communication of checkpoints
UDINT - Checkpoint ID
ErrNr: 35017 - SMC Fail Safe: Internal error, Cross communication of statusword
UDINT - Statusword
ErrNr: 35018 - SMC Fail Safe: Internal error, Cross communication of output state
UDINT - Output state
ErrNr: 35019 - SMC Fail Safe: Internal error, Cross communication of EnDat position
UDINT - EnDat position
ErrNr: 35020 - SMC Fail Safe: Internal error, Cross communication of EnDat error register
UDINT - EnDat error register
ErrNr: 35021 - SMC Fail Safe: Internal error, Cross communication of EnDat state machine
UDINT - EnDat state machine
ErrNr: 35022 - SMC Fail Safe: Internal error, Cross communication of EnDat state machine
UDINT - EnDat state machine
ErrNr: 35023 - SMC Fail Safe: Internal error, Cross communication of EnDat state machine
UDINT - EnDat state machine
ErrNr: 35024 - SMC Fail Safe: Encoder configuration - Units per number of revolution invalid
ErrNr: 35025 - SMC Fail Safe: Encoder configuration - Normalized maximal speed invalid
ErrNr: 35026 - SMC Fail Safe: Encoder configuration - Encoder resolution too low
ErrNr: 35027 - SMC Fail Safe: Encoder configuration - Encoder resolution too high
ErrNr: 35028 - SMC Fail Safe: Encoder configuration - Units resolution too high
ErrNr: 35029 - SMC Fail Safe: Encoder configuration - One unit is shorter than one nm
ErrNr: 35030 - SMC Fail Safe: Encoder mismatch - Configuration data changed several times

ErrNr: 35031 - SMC Fail Safe: Encoder mismatch - Configuration data changed
ErrNr: 35032 - SMC Fail Safe: Wrong parameterization
UDINT - Additional info
ErrNr: 35033 - SMC Fail Safe: Modul cycle time is not valid
ErrNr: 35034 - SMC Fail Safe: Parameterization - Deceleration ramp is too steep
ErrNr: 35035 - SMC Fail Safe: Internal state machine is in Fail Safe State
ErrNr: 35036 - SMC Fail Safe: Deactivated safety function was requested
ErrNr: 35037 - SMC Fail Safe: SMS - Speed limit is out of range
ErrNr: 35038 - SMC Fail Safe: SLS1 - Speed limit is out of range
ErrNr: 35039 - SMC Fail Safe: SLS2 - Speed limit is out of range
ErrNr: 35040 - SMC Fail Safe: SLS3 - Speed limit is out of range
ErrNr: 35041 - SMC Fail Safe: SLS4 - Speed limit is out of range
ErrNr: 35042 - SMC Fail Safe: Standstill speed limit is out of range
ErrNr: 35043 - SMC Fail Safe: SLS1 - Speed limit violates the configuration instruction
ErrNr: 35044 - SMC Fail Safe: SLS2 - Speed limit violates the configuration instruction
ErrNr: 35045 - SMC Fail Safe: SLS3 - Speed limit violates the configuration instruction
ErrNr: 35046 - SMC Fail Safe: SLS4 - Speed limit violates the configuration instruction
ErrNr: 35047 - SMC Fail Safe: Standstill Speed limit violates the configuration instruction
ErrNr: 35048 - SMC Fail Safe: Violation of parameter limits
UDINT - Additional info
ErrNr: 35049 - SMC Fail Safe: SMP is used but Homing was not configured
ErrNr: 35050 - SMC Fail Safe: SMP - Lower position limit is greater or equal than upper limit
ErrNr: 35051 - SMC Fail Safe: SLP is used but Homing was not configured
ErrNr: 35052 - SMC Fail Safe: SLP - Lower position limit is greater or equal than upper limit
ErrNr: 35053 - SMC Fail Safe: SLP - Position window outside SMP position window
ErrNr: 35054 - SMC Fail Safe: SMP - Tolerance is greater than SMP position window
ErrNr: 35055 - SMC Fail Safe: SLP - Tolerance is greater than SLP position window
ErrNr: 35056 - SMC Fail Safe: Value of Deceleration ramp is out of range
ErrNr: 35068 - SMC Fail Safe: Homing - Max. trigger speed is out of range
ErrNr: 35069 - SMC Fail Safe: Homing - Ref Switch: No reference switch connected
ErrNr: 35070 - SMC Fail Safe: Homing - Home Offset: No absolute encoder connected
ErrNr: 35071 - SMC Fail Safe: Homing - Home Offset with Correction: SMP not configured
ErrNr: 35072 - SMC Fail Safe: Homing - SMP window is greater than safe absolute encoder range
ErrNr: 35073 - SMC Fail Safe: Homing - SLP window is greater than safe absolute encoder range
ErrNr: 35074 - SMC Fail Safe: Homing - Encoder doesn't support a safe reference pulse
ErrNr: 35075 - SMC Fail Safe: Homing - Speed tolerance is out of range
ErrNr: 35076 - SMC Fail Safe: Homing - reference pulse : Max. trigger speed is too big
ErrNr: 35077 - SMC Fail Safe: Homing - Function is requested but not configured
ErrNr: 35078 - SMC Fail Safe: Homing - RefSwitch bit is set but not configured
ErrNr: 35079 - SMC Fail Safe: Homing - Position is out of SMP window
ErrNr: 35080 - SMC Fail Safe: Homing - Direct with reference pulse: Not supported
ErrNr: 35081 - SMC Fail Safe: Internal error, Cross communication of output signals
UDINT - Output signals
ErrNr: 35082 - SMC Fail Safe: Internal error, Cross communication of output state machine
UDINT - Output state machine
ErrNr: 35084 - SMC Fail Safe: Program error in PreOperational state
UDINT - Checkpoint
ErrNr: 35085 - SMC Fail Safe: Safe output - Stuck at high detected
UDINT - Output signal

ErrNr: 35086 - SMC Fail Safe: Safe output - Test state has changed
UDINT - Output state

ErrNr: 35087 - SMC Fail Safe: Encoder - Speed limit exceeded
DINT - Actual speed [inc/cycle]

ErrNr: 35088 - SMC Fail Safe: Encoder - Acceleration limit exceeded
DINT - Actual acceleration [inc/cycle^2]

ErrNr: 35091 - SMC Fail Safe: Encoder mismatch detected
UDINT - Additional info

ErrNr: 35092 - SMC Fail Safe: Internal error, Lockbit set
UDINT - Lockbits

ErrNr: 35093 - SMC Fail Safe: Velocity error tolerance too large

ErrNr: 35094 - SMC Fail Safe: Lag error tolerance too large

ErrNr: 35095 - SMC Fail Safe: Encoder - Configuration error
UDINT - Additional info

ErrNr: 35096 - SMC Fail Safe: Homing - Configuration error
UDINT - Additional info

ErrNr: 35153 - SMC: Interner error, CUnit test

ErrNr: 35161 - SMC Fail Safe: Incompatible parameter structure
UDINT - Additional info

ErrNr: 35162 - SMC Fail Safe: Incompatible axis type
UDINT - Additional info

ErrNr: 35163 - SMC Fail Safe: Error in PreOperational function
UDINT - Additional info

ErrNr: 35197 - SMC Functional Fail Safe: SS2, SOS Violation of standstill position tolerance

ErrNr: 35198 - SMC Functional Fail Safe: Encoder error was detected

ErrNr: 35199 - SMC Functional Fail Safe: SDI - Violations of the safe direction

ErrNr: 35200 - SMC Functional Fail Safe: SDI - Violation of the positive direction

ErrNr: 35201 - SMC Functional Fail Safe: SDI - Violation of the negative direction

ErrNr: 35202 - SMC Functional Fail Safe: SLI - Violation of standstill speed limit

ErrNr: 35203 - SMC Functional Fail Safe: SLI - Violation of position window (increments)

ErrNr: 35204 - SMC Functional Fail Safe: Violation of the actual speed limit

ErrNr: 35205 - SMC Functional Fail Safe: Violation of the deceleration ramp

ErrNr: 35206 - SMC Functional Fail Safe: SMS - Violation of the speed limit

ErrNr: 35207 - SMC Functional Fail Safe: SOS - Violation of the speed limit

ErrNr: 35208 - SMC Functional Fail Safe: SS2 - Violation of the speed limit

ErrNr: 35209 - SMC Functional Fail Safe: SLS1 - Violation of the speed limit

ErrNr: 35210 - SMC Functional Fail Safe: SLS2 - Violation of the speed limit

ErrNr: 35211 - SMC Functional Fail Safe: SLS3 - Violation of the speed limit

ErrNr: 35212 - SMC Functional Fail Safe: SLS4 - Violation of the speed limit

ErrNr: 35213 - SMC Functional Fail Safe: Alive test of set position was not executed

ErrNr: 35214 - SMC Functional Fail Safe: Warning on output was not acknowledged

ErrNr: 35215 - SMC Functional Fail Safe: Alive test - Monitoring timeout

ErrNr: 35216 - SMC Functional Fail Safe: SMP - Homing timeout exceeded

ErrNr: 35217 - SMC Functional Fail Safe: SMP - Violation of the deceleration ramp

ErrNr: 35218 - SMC Functional Fail Safe: SLP - Violation of the deceleration ramp

ErrNr: 35219 - SMC Functional Fail Safe: SMP - Violation of lower SMP limit

ErrNr: 35220 - SMC Functional Fail Safe: SMP - Violation of upper SMP limit

ErrNr: 35221 - SMC Functional Fail Safe: SLP - Violation of lower SLP limit

ErrNr: 35222 - SMC Functional Fail Safe: SLP - Violation of upper SLP limit

ErrNr: 35223 - SMC Functional Fail Safe: SMP - Movement in neg. direction outside SMP limit
ErrNr: 35224 - SMC Functional Fail Safe: SMP - Movement in pos. direction outside SMP limit
ErrNr: 35225 - SMC Functional Fail Safe: SLP requested, axis is not homed yet
ErrNr: 35226 - SMC Functional Fail Safe: SMP, SLP - Internal error
ErrNr: 35227 - SMC Functional Fail Safe: SMP, SLP - INT32 overflow of absolute position
ErrNr: 35228 - SMC Functional Fail Safe: Homing - Timeout elapsed
ErrNr: 35229 - SMC Functional Fail Safe: Homing - Standstill Speed tolerance violated
ErrNr: 35230 - SMC Functional Fail Safe: Homing reference pulse - Max. trigger speed exceeded
ErrNr: 35231 - SMC Functional Fail Safe: Homing - Movement invalid
ErrNr: 35232 - SMC Functional Fail Safe: Homing offset - Position outside INT32 range
ErrNr: 35233 - SMC Functional Fail Safe: Homing offset - Violation of safe encoder range
ErrNr: 35234 - SMC: Encoder mismatch - Length of encoder configuration data changed
ErrNr: 35235 - SMC: Encoder mismatch - Serial number of encoder changed
ErrNr: 35236 - SMC: Encoder mismatch - Version changed or no encoder data stored
ErrNr: 35237 - SMC: Encoder mismatch - EnDat master configuration register changed
UDINT - Configuration register
ErrNr: 35238 - SMC: Encoder - EnDat Master state error register is set
UDINT - Status register
ErrNr: 35239 - SMC Functional Fail Safe: Homing failed
UDINT - Additional info
ErrNr: 35240 - SMC Functional Fail Safe: Violation of safety function
UDINT - Additional info
ErrNr: 35241 - SMC Functional Fail Safe: Function block switched back into IDLE state
UDINT - Additional info
ErrNr: 35243 - SMC Functional Fail Safe: Safe output - Teststate has changed
UDINT - Output state
ErrNr: 35244 - SMC: Encoder - Received position not valid
UDINT - Additional info
ErrNr: 35245 - SMC: Encoder mismatch detected
UDINT - Additional info
ErrNr: 35246 - SMC: Encoder - Initialization error
UDINT - Additional info
ErrNr: 35247 - SMC: Encoder - Debug information
UDINT - Additional info
ErrNr: 35248 - SMC: Internal error, Lockbit set
UDINT - Lockbits
ErrNr: 35249 - SMC: Encoder - SafeSpeed exceeded INT16 range
ErrNr: 35250 - SMC: Encoder - EnDat Master encoder error register is set
UDINT - Fehler register
ErrNr: 35251 - SMC: Velocity error limit exceeded
DINT - Speed error [U/s*2^16]
ErrNr: 35252 - SMC: Position lag error limit exceeded
DINT - Lag error [units]
ErrNr: 35253 - SMC: Encoder - Rounding error due to parametrization
UDINT - Additional info
ErrNr: 35254 - SMC: Encoder - Length of physical reference system too large
UDINT - Additional info
ErrNr: 35255 - SMC Fail Safe: Encoder - Acceleration limit exceeded
ErrNr: 36001 - Parameter limited to valid range

ErrNr: 36002 - Total time for the position loop controller limited to prediction time
ErrNr: 37101 - Calculated compensation distance on slave axis limited to maximum
ErrNr: 37102 - Calculated compensation distance on slave axis limited to minimum
ErrNr: 37103 - Slave trigger outside of window
ErrNr: 37104 - Slave trigger missing
ErrNr: 37105 - Master compensation trigger outside of window
ErrNr: 37107 - Displacement actual/set position too high during 'controller switch on'
ErrNr: 37108 - Calculated compensation distance of master axis limited to minimum
ErrNr: 37109 - Master trigger outside of window
ErrNr: 37110 - Master position at start higher than first trigger position
ErrNr: 37111 - Cam profile data: Difference between polynomial value $y(x_n)$ and slave period
REAL - Difference
ErrNr: 37112 - Polynomial within cam profile data exceeds limit value
UINT - Detail
ErrNr: 37113 - Cam profile compensation gears: Limit values exceeded
ErrNr: 38000 - Current controller: Motor speed is too high during switching on
ErrNr: 38001 - Torque limiter: Limit value too high
REAL - Current limit value
ErrNr: 38003 - Motor holding brake: Test torque was limited
ErrNr: 38004 - Motor holding brake: Test torque less than load torque
ErrNr: 38005 - Motor test: Speed is too high during switch on
REAL - Speed limit
ErrNr: 38006 - Current controller: Permissible current offset values exceeded
ErrNr: 38007 - System administration: BsLoader activ: Jumper plugged
UINT - BsLoader version
ErrNr: 38008 - Bleeder: No current flow
ErrNr: 39001 - Encoder: Position correction active
USINT - Slot
ErrNr: 39002 - Resolver: Speed limit for 14 bit resolution exceeded
USINT - Slot
ErrNr: 39003 - EnDat encoder: Alarm bit is set
USINT - Slot
ErrNr: 39004 - EnDat encoder: Alarm bit - Lighting failure
USINT - Slot
ErrNr: 39005 - EnDat encoder: Alarm bit - Signal amplitude too small
USINT - Slot
ErrNr: 39006 - EnDat encoder: Alarm bit - Position value contains an error
USINT - Slot
ErrNr: 39007 - EnDat encoder: Alarm bit - Overvoltage
USINT - Slot
ErrNr: 39008 - EnDat encoder: Alarm bit - Undervoltage
USINT - Slot
ErrNr: 39009 - EnDat encoder: Alarm bit - Overcurrent
USINT - Slot
ErrNr: 39010 - EnDat encoder: Alarm bit - Battery change required
USINT - Slot
ErrNr: 39011 - EnDat encoder: Warning bit - Frequency too high
USINT - Slot
ErrNr: 39012 - EnDat encoder: Warning bit - Temperature too high

USINT - Slot
ErrNr: 39013 - EnDat encoder: Warning bit - Lighting reserve reached
USINT - Slot
ErrNr: 39014 - EnDat encoder: Warning bit - Battery charge too low
USINT - Slot
ErrNr: 39016 - Incremental encoder emulation: Frequency too high
UINT - Slot
ErrNr: 39017 - Encoder: CRC error while reading position
USINT - Slot
ErrNr: 39018 - Reference pulse monitoring: Faulty position, resolution, or reference pulse
USINT - Slot
ErrNr: 39019 - Serial encoder interface: Stop bit error
USINT - Slot
ErrNr: 39020 - Serial encoder interface: Receive data overrun
USINT - Slot
ErrNr: 39021 - Serial encoder interface: Send data error
USINT - Slot
ErrNr: 39022 - EnDat encoder: Warning bit is set
USINT - Slot
ErrNr: 39023 - EnDat encoder: CRC error while reading EnDat2.2 additional information
USINT - Slot
ErrNr: 39024 - EnDat encoder: Operating status error sources: M ALL Power down
USINT - Slot
ErrNr: 39025 - EnDat encoder: Operating status error sources: M Overflow / Underflow
USINT - Slot
ErrNr: 39026 - EnDat encoder: Type 3 error while reading EnDat2.2 additional information
USINT - Slot
ErrNr: 39027 - Encoder Emulation: 5V power supply fail
UINT - Slot
ErrNr: 39028 - Encoder: Multiturn failure
USINT - Slot
ErrNr: 39029 - Encoder: Battery charge too low
USINT - Slot
ErrNr: 39030 - Encoder: Warning bit is set
USINT - Slot
ErrNr: 39031 - Encoder: Timeout error during parameter transfer
USINT - Slot
ErrNr: 39032 - EnDat encoder: Operating status error sources: Lighting
USINT - Slot
ErrNr: 39033 - EnDat encoder: Operating status error sources: Signal amplitude
USINT - Slot
ErrNr: 39034 - EnDat encoder: Operating status error sources: S Pos 1
USINT - Slot
ErrNr: 39035 - EnDat encoder: Operating status error sources: Overvoltage
USINT - Slot
ErrNr: 39036 - EnDat encoder: Operating status error sources: Undervoltage
USINT - Slot
ErrNr: 39037 - EnDat encoder: Operating status error sources: over current
USINT - Slot

ErrNr: 39038 - EnDat encoder: Operating status error sources: Temperature exceeded
USINT - Slot

ErrNr: 39039 - EnDat encoder: Operating status error sources: S Pos
USINT - Slot

ErrNr: 39040 - EnDat encoder: Operating status error sources: S sytem
USINT - Slot

ErrNr: 39041 - EnDat encoder: Operating status error sources: S ALL power down
USINT - Slot

ErrNr: 39042 - EnDat encoder: Operating status error sources: M Pos 1
USINT - Slot

ErrNr: 39043 - EnDat encoder: Operating status error sources: M Pos 2
USINT - Slot

ErrNr: 39044 - EnDat encoder: Operating status error sources: M System
USINT - Slot

ErrNr: 39045 - EnDat encoder: Operating status error sources: M battery
USINT - Slot

ErrNr: 39046 - EnDat encoder: EBI encoder not receipted
USINT - Slot

ErrNr: 39301 - Digital IO: 24V power supply fail
UINT - Slot

ErrNr: 39302 - Digital IO 1-4: Diagnose bit active (current, 24V supply)
UINT - Slot

ErrNr: 39303 - Digital IO 5-8: Diagnose bit active (current, 24V supply)
UINT - Slot

ErrNr: 39305 - Digital IO 10: Diagnose bit active (current, temperature)
UINT - Slot

ErrNr: 39306 - Digital IO 9: Diagnose bit active (current, temperature)
UINT - Slot

ErrNr: 39307 - Digital IO: outputs deactivated by output mask after network error
UINT - Slot

ErrNr: 40000 - Parameter ID only for tests

ErrNr: 41001 - Heatsink temperature sensor: Overtemperature
REAL - Heatsink temperature

ErrNr: 41011 - Temperature sensor (Motor|Choke|External): Overtemperature
REAL - Temperature

ErrNr: 41031 - Junction temperature model: Overtemperature
REAL - Junction temperature

ErrNr: 41041 - Bleeder temperature model: Overtemperature
REAL - Bleeder temperature

ErrNr: 41051 - ACOPOS peak current: Overload
REAL - Peak current load

ErrNr: 41061 - ACOPOS continuous current: Overload
REAL - Continuous current load

ErrNr: 41070 - Motor temperature model: Overtemperature
REAL - Calculated motor temperature

ErrNr: 41075 - ACOPOS continuous power: Overload

ErrNr: 41078 - Power stage: Temperature sensor 1: Overtemperature
REAL - Temperature

ErrNr: 41080 - Charging resistor: Overtemperature

REAL - Temperature limit
ErrNr: 41081 - Power stage temperature model: Overtemperature
REAL - Temperature
ErrNr: 41083 - Power stage: Temperature sensor 2: Overtemperature
REAL - Temperature
ErrNr: 41085 - Power stage: Temperature sensor 3: Overtemperature
REAL - Temperature
ErrNr: 41087 - Power stage: Temperature sensor 4: Overtemperature
REAL - Temperature
ErrNr: 41089 - Motor encoder temperature sensor: Overtemperature
REAL - Temperature
ErrNr: 64002 - Delay before SW Reset (network with ascending node numbers ?)
ErrNr: 64003 - Delay before NC System Start (network with ascending node numbers ?)
ErrNr: 64004 - The following boot error could be entered here with a delay
ErrNr: 64005 - Timeout for parameter enable after start of operating system
UDINT - Status (bits with wrong value for parameter enable)
ErrNr: 64006 - Drive did not become synchronous with network master
UDINT - Timeout [sec]
ErrNr: 64007 - Timeout for enable of acyclic network communication
UDINT - Timeout [sec]
ErrNr: 64008 - Timeout for enable of cyclic network communication
UDINT - Timeout [sec]
ErrNr: 64009 - Acp10cfg contains a POWERLINK interface, for which no axis is defined
UINT - Index of POWERLINK interface in Acp10cfg (name in Logger)
ErrNr: 64010 - NC software test version (validity period in Logger)
ErrNr: 64500 - Positive speed limiter active
ErrNr: 64501 - Negative speed limiter active
ErrNr: 64502 - Positive direction acceleration torque limiter active
ErrNr: 64503 - Negative direction acceleration torque limiter active
ErrNr: 64504 - Positive direction deceleration torque limiter active
ErrNr: 64505 - Negative direction deceleration torque limiter active
ErrNr: 64506 - Recovery power limiter active (deceleration too high)
ErrNr: 65535 - Response error

ParameterText

ParID: 1 - Power stage: Identification
ParID: 2 - Power stage: Identification (Intern)
ParID: 3 - Controller: Identification (Intern)
ParID: 4 - SafeMC: Status
ParID: 5 - SafeMC: Control
ParID: 6 - SafeMC: Actual speed
ParID: 7 - SafeMC: Speed limit
ParID: 8 - Motor holding brake: Status
ParID: 9 - Simulated rotor angle
ParID: 10 - Bleeder: External: Resistance
ParID: 11 - Bleeder: External: Limit temperature
ParID: 12 - Bleeder: External: Thermal resistance
ParID: 13 - Bleeder: External: Thermal capacity
ParID: 14 - Motor holding brake: Test torque
ParID: 15 - Motor holding brake: Position error limit

ParID: 16 - Power stage: Rated power
ParID: 17 - Power stage: Rated current
ParID: 18 - Power stage: Peak current
ParID: 19 - Power mains: Parameter ID of the phase failure signal
ParID: 20 - Power mains: Status phase failure
ParID: 21 - Encoder1: DCM Distance difference
ParID: 22 - Encoder2: DCM Distance difference
ParID: 23 - Encoder3: DCM Distance difference
ParID: 24 - CTRL Feed forward: Speed torque factor
ParID: 25 - Power limiter: Mode
ParID: 26 - Minimum valid ACOPOS-operationsystem version
ParID: 27 - Maximum valid ACOPOS-operationsystem version
ParID: 28 - Command: Enable for emergency stop due to overcurrent
ParID: 29 - Drive synchronisation: Manipulated variable limit
ParID: 30 - Motor: Type
ParID: 31 - Motor: Software compatibility
ParID: 32 - Motor: Test date
ParID: 33 - Encoder1: Serial data block
ParID: 34 - Encoder1: Serial status
ParID: 35 - Encoder2: Serial data block
ParID: 36 - Encoder2: Serial status
ParID: 37 - Encoder3: Serial data block
ParID: 38 - Encoder3: Serial status
ParID: 39 - Encoder1: Encoder scaling: reference length (test parameter)
ParID: 40 - Motor: Order text
ParID: 41 - Motor: Serial number
ParID: 42 - Motor holding brake: Rated current
ParID: 43 - Motor holding brake: Rated torque
ParID: 44 - Motor holding brake: Engaging delay
ParID: 45 - Motor holding brake: Release delay
ParID: 46 - Motor: Winding connection
ParID: 47 - Motor: Number of pole-pairs
ParID: 48 - Motor: Rated voltage
ParID: 49 - Motor: Voltage constant
ParID: 50 - Motor: Rated speed
ParID: 51 - Motor: Maximum speed
ParID: 52 - Motor: Stall torque
ParID: 53 - Motor: Rated torque
ParID: 54 - Motor: Peak torque
ParID: 55 - Motor: Torque constant
ParID: 56 - Motor: Stall current
ParID: 57 - Motor: Rated current
ParID: 58 - Motor: Peak current
ParID: 59 - Motor: Line cross section
ParID: 60 - Motor: Stator resistance
ParID: 61 - Motor: Stator inductance
ParID: 62 - Motor: Moment of inertia
ParID: 63 - Motor: Commutation offset
ParID: 64 - Temperature sensor: Parameter 1

ParID: 65 - Temperature sensor: Parameter 2
ParID: 66 - Temperature sensor: Parameter 3
ParID: 67 - Temperature sensor: Parameter 4
ParID: 68 - Temperature sensor: Parameter 5
ParID: 69 - Temperature sensor: Parameter 6
ParID: 70 - Temperature sensor: Parameter 7
ParID: 71 - Temperature sensor: Parameter 8
ParID: 72 - Temperature sensor: Parameter 9
ParID: 73 - Temperature sensor: Parameter 10
ParID: 74 - Motor: Limit temperature
ParID: 75 - Motor: Thermal time constant (for MOTOR_COMPATIBILITY 0x0202)
ParID: 76 - Motor: Rotor resistance
ParID: 77 - Motor: Rotor inductance
ParID: 78 - Motor: Mutual inductance
ParID: 79 - Motor: Magnetizing current
ParID: 80 - Power mains: Ignore phase failure
ParID: 81 - Motor: Command
ParID: 82 - Encoder1: Status
ParID: 83 - Slot: Operating state
ParID: 84 - Motor: Dataset status
ParID: 85 - Encoder2: Type
ParID: 86 - Motor holding brake: Command
ParID: 87 - CTRL Feed forward: Torque in positive direction
ParID: 88 - Encoder2: Status
ParID: 89 - CTRL Feed forward: Torque in negative direction
ParID: 90 - Motor holding brake: Mode
ParID: 91 - Encoder1: Actual position
ParID: 92 - CTRL Position controller: Actual speed
ParID: 93 - CTRL Controller: Command
ParID: 94 - Position for cyclic status
ParID: 95 - Speed for cyclic status
ParID: 96 - Encoder1: Load scaling: Count direction
ParID: 97 - Encoder1: Type
ParID: 98 - Limit values: Lag error for stop of a movement
ParID: 99 - Limit values: Lag error for display of a warning
ParID: 100 - CTRL Position controller: Proportional amplification
ParID: 101 - CTRL Position controller: Integral action time
ParID: 102 - CTRL Position controller: Prediction time
ParID: 103 - CTRL Position controller: Total delay time
ParID: 104 - CTRL Position controller: Maximum proportional action
ParID: 105 - CTRL Position controller: Maximum integral action
ParID: 106 - Encoder1: Load scaling: Units per SCALE_LOAD_MOTOR_REV motor revolutions
ParID: 107 - Encoder1: Load scaling: Motor revolutions
ParID: 108 - Encoder1: Encoder scaling: motor revolutions
ParID: 109 - Encoder1: Encoder scaling: increments per SCALE_ENCOD_MOTOR_REV motor revolutions
ParID: 110 - Simulation mode: Command
ParID: 111 - CTRL Position controller: Actual position
ParID: 112 - CTRL Position controller: Lag error
ParID: 113 - CTRL Position controller: Set position

ParID: 114 - CTRL Position controller: Set speed
ParID: 115 - Basis movements: Start movement with absolute target position
ParID: 116 - Basis movements: Override
ParID: 117 - Basis movements: Speed override
ParID: 118 - Basis movements: Acceleration override
ParID: 119 - Limit values: Maximum speed in positive direction
ParID: 120 - Limit values: Maximum speed in negative direction
ParID: 121 - Limit values: Maximum acceleration in positive direction
ParID: 122 - Limit values: Maximum deceleration in positive direction
ParID: 123 - Limit values: Maximum acceleration in negative direction
ParID: 124 - Limit values: Maximum deceleration in negative direction
ParID: 125 - Limit values: Jolt time
ParID: 126 - Limit values: Positive SW end position
ParID: 127 - Limit values: Negative SW end position
ParID: 128 - Limit values: Ignore SW end positions
ParID: 129 - Trace: Status
ParID: 130 - CTRL Position controller: Actual position fractional part
ParID: 131 - Trace: Parameter ID for trigger event
ParID: 132 - Trace: Trigger event
ParID: 133 - Trace: Trigger threshold
ParID: 134 - Trace: Trigger window
ParID: 135 - Trace: Parameter ID for test date
ParID: 136 - Trace: Data type for test date
ParID: 137 - Trace: Command
ParID: 138 - Processor cycles low prior SW
ParID: 139 - Maximum value processor cycles low prior SW
ParID: 140 - Trace: Index for test date
ParID: 141 - Trace: Recording time
ParID: 142 - Trace: Sampling time
ParID: 143 - Trace: Delay time relative to trigger event
ParID: 144 - Trace: Maximum length of data
ParID: 145 - Trace data: Number of sampled data records
ParID: 146 - Trace data: Corrected sampling time
ParID: 147 - Trace data: Corrected delay time
ParID: 148 - Trace data: Offset of the trigger event
ParID: 149 - Trace data: Time of the first data record
ParID: 150 - Limit values: Waiting time before message 'target position reached'
ParID: 151 - Homing: Reference pulse distance
ParID: 152 - Homing: Reference position
ParID: 153 - Homing: Speed for searching the reference switch
ParID: 154 - Homing: Trigger speed
ParID: 155 - Homing: Acceleration for homing procedure
ParID: 156 - Homing: Mode
ParID: 157 - Homing: Mode control bits
ParID: 158 - Homing: Distance for blocking the reference pulse
ParID: 159 - Basis movements: Target position
ParID: 160 - Basis movements: Relative move distance
ParID: 161 - Basis movements: Speed in positive direction
ParID: 162 - Basis movements: Speed in negative direction

ParID: 163 - Basis movements: Acceleration in positive direction
ParID: 164 - Basis movements: Deceleration in positive direction
ParID: 165 - Basis movements: Acceleration in negative direction
ParID: 166 - Basis movements: Deceleration in negative direction
ParID: 167 - Homing: Command start homing procedure
ParID: 168 - Basis movements: Start movement with relative move distance
ParID: 169 - Basis movements: Start movement in positive direction
ParID: 170 - Basis movements: Start movement in negative direction
ParID: 171 - Movement stop: Index of parameter record for the stop command
ParID: 172 - Homing: Offset
ParID: 173 - Movement stop: Index of parameter record for stop configuration
ParID: 174 - Movement stop: Deceleration ramp
ParID: 175 - Movement stop: Controller state after movement stop
ParID: 176 - Movement stop: Command stop movement
ParID: 177 - Internal test parameter for development
ParID: 178 - Status: General bits
ParID: 179 - Status: Cyclic bits
ParID: 180 - Messages: Error number
ParID: 181 - Messages: Additional error info
ParID: 182 - Error Time
ParID: 183 - Messages: Error record from drive
ParID: 184 - Digital inputs: Force enable bits
ParID: 185 - Digital inputs: Force function
ParID: 186 - Digital inputs: Active level bits
ParID: 187 - Processor cycles interrupt SW
ParID: 188 - Maximum value processor cycles interrupt SW
ParID: 189 - Time for network live sign control
ParID: 190 - Mode for cyclic external set values
ParID: 191 - Basis movements: Halt
ParID: 192 - Cyclic set position
ParID: 193 - Cyclic set position fractional part
ParID: 194 - Cam automat: Reset parameter
ParID: 195 - VAX Cam automat: Reset parameter
ParID: 196 - Drive synchronisation: Offset master time
ParID: 197 - Movement stop: Deceleration ramp after drive error
ParID: 198 - Cyclic communication: Time for life sign monitoring of data to drive
ParID: 199 - Trigger stop mode
ParID: 200 - System administration: Module: Delete
ParID: 201 - System administration: Module: Parameter ID
ParID: 202 - System administration: Module: Command safety code
ParID: 203 - Encoder1: Resolver polepairs per encoder revolution
ParID: 204 - Encoder2: Resolver polepairs per encoder revolution
ParID: 205 - Power stage: Phase 1: AD-converter value
ParID: 206 - Power stage: Phase 2: AD-converter value
ParID: 207 - Cyclic communication: Parameter ID of data to drive
ParID: 208 - Cyclic communication: Offset of data to drive
ParID: 209 - Power stage: Phase 1: Current
ParID: 210 - Power stage: Phase 2: Current
ParID: 211 - Motor holding brake: Control monitoring filter time

ParID: 212 - Encoder1: Diagnosis 1
ParID: 213 - CTRL Current controller: Set stator current quadrature component
ParID: 214 - CTRL Current controller: Actual stator current quadrature component
ParID: 215 - CTRL Current controller: Integral action of the ISQ
ParID: 216 - CTRL Current controller: Stator voltage quadrature component
ParID: 217 - CTRL Current controller: EMF input control
ParID: 218 - CTRL Current controller: Set stator current direct component
ParID: 219 - CTRL Current controller: Actual stator current direct component
ParID: 220 - CTRL Current controller: Integral action of the ISD
ParID: 221 - CTRL Current controller: Stator voltage direct component
ParID: 222 - Flux controller: Manipulated variable
ParID: 223 - CTRL Current controller: Proportional amplification factor
ParID: 224 - CTRL Current controller: Integral-action factor
ParID: 225 - CTRL Current controller: Integral action time
ParID: 226 - CTRL Speed controller: Notchfilter frequency
ParID: 227 - CTRL Speed controller: Notchfilter bandwidth
ParID: 228 - CTRL Two encoder control: Positions difference
ParID: 229 - CTRL Two encoder control: Positions difference limit for stop of a movement
ParID: 230 - CTRL Position controller: Actual encoder position parameter ID
ParID: 231 - CTRL Position controller: Parameter ID enable input
ParID: 232 - Cyclic communication: Parameter index of data to drive
ParID: 233 - Cyclic communication: Telegram index of data to drive
ParID: 234 - Cyclic communication: Index of parameter record for data from drive
ParID: 235 - Cyclic communication: Parameter index of data from drive
ParID: 236 - Cyclic communication: Parameter ID of data from drive
ParID: 237 - Encoder1: SSI Number of leading zeros
ParID: 238 - Encoder1: SSI Number of data bits
ParID: 239 - Encoder1: SSI, Data code
ParID: 240 - Encoder1: SSI Parity check
ParID: 241 - Encoder2: SSI Number of leading zeros
ParID: 242 - Encoder2: SSI Number of data bits
ParID: 243 - Encoder2: SSI Data code
ParID: 244 - Encoder2: SSI Parity check
ParID: 245 - Encoder1: Actual position per revolution
ParID: 246 - Encoder2: Actual position per revolution
ParID: 247 - CTRL Current controller: Additive torque
ParID: 248 - CTRL Torque limiter: Maximum acceleration torque in positive direction
ParID: 249 - CTRL Torque limiter: Maximum acceleration torque in negative direction
ParID: 250 - CTRL Speed controller: Set speed
ParID: 251 - CTRL Speed controller: Actual speed
ParID: 252 - CTRL Speed controller: Integral action
ParID: 253 - CTRL Speed controller: Proportional amplification
ParID: 254 - CTRL Speed controller: Integral action factor
ParID: 255 - CTRL Speed controller: Integral action time
ParID: 256 - CTRL Speed controller: Manipulated variable
ParID: 257 - CTRL Flux: Set magnetizing current
ParID: 258 - CTRL Flux: Actual magnetizing current
ParID: 259 - CTRL Flux: Proportional amplification factor
ParID: 260 - CTRL Flux: Integral action time

ParID: 261 - CTRL DC bus: Parameter ID additive active current
ParID: 262 - Power mains: Mode
ParID: 263 - Encoder1: number of correction
ParID: 264 - Encoder2: number of correction
ParID: 265 - Encoder3: number of correction
ParID: 266 - Encoder1: actual acceleration
ParID: 267 - Encoder2: actual acceleration
ParID: 268 - Encoder3: actual acceleration
ParID: 269 - Encoder1: maximum acceleration
ParID: 270 - Encoder2: maximum acceleration
ParID: 271 - Encoder3: maximum acceleration
ParID: 272 - Encoder1: maximum tolerable acceleration
ParID: 273 - Encoder2: maximum tolerable acceleration
ParID: 274 - Encoder3: maximum tolerable acceleration
ParID: 275 - Motor: Phasing: Current
ParID: 276 - Motor: Phasing: Mode
ParID: 277 - Motor: Torque
ParID: 278 - Motor: Power
ParID: 279 - Manual set value of the stator direct current
ParID: 280 - Encoder1: Gear ratio motor revolutions
ParID: 281 - CTRL Feed forward: Set stator current
ParID: 282 - CTRL Feed forward: Parameter ID load torque
ParID: 283 - CTRL Speed controller: Filter time constant
ParID: 284 - Encoder3: Resolver polepairs per encoder revolution
ParID: 285 - CTRL Feed forward: Parameter ID mass moment of inertia
ParID: 286 - Encoder1: Emulation: Output parameter ID
ParID: 287 - Motor holding brake: Electrical state
ParID: 288 - CTRL Speed controller: Parameter ID additive set value
ParID: 289 - Encoder2: Encoder scaling: Increments per encoder revolution
ParID: 290 - Broadcast CAN ID for SYNC telegram
ParID: 291 - Broadcast CAN ID for broadcast command
ParID: 292 - Function block: Constant zero
ParID: 293 - Basis CAN ID for cyclic user telegram to the drive
ParID: 294 - Basis CAN ID for cyclic user telegram from the drive
ParID: 295 - Basis CAN ID for write and read channel2
ParID: 296 - Basis CAN ID for write and read channel3
ParID: 297 - Command: CAN ID standard setting
ParID: 298 - CTRL DC bus: Voltage
ParID: 299 - CTRL DC bus: Filter time constant
ParID: 300 - CTRL DC bus: Voltage detection: Lower limit
ParID: 301 - CTRL Feed forward: Mass moment of inertia
ParID: 302 - CTRL DC bus: Filtered voltage
ParID: 303 - Encoder1: ADC1 value
ParID: 304 - Error state of vector controller
ParID: 305 - CTRL Chopper: Manipulated variable
ParID: 306 - Register contents of VCO measurement
ParID: 307 - Maximum motor rotation speed
ParID: 308 - Maximum stator leakage current component (limitation: IS_MAX)
ParID: 309 - SafeMC: Actual position

ParID: 310 - Function block: Constant one
ParID: 311 - ENABLE: Configuration
ParID: 312 - CTRL Flux: Magnetizing current limiter: Upper limit
ParID: 313 - Lower flux limitation
ParID: 314 - CTRL Chopper: Minimum pwm duty cycle
ParID: 315 - Power stage: Junction temperature model: Power loss
ParID: 316 - Command: Switch on/off speed controller
ParID: 317 - Command: Switch on/off stator voltage rotating field controller
ParID: 318 - Command: Switch on/off stator current rotating field controller
ParID: 319 - Command: Switch on/off Set value generator for subordinate controllers
ParID: 320 - Command: Switch on/off torque controller
ParID: 321 - Set value of stator leakage voltage component for setup
ParID: 322 - Set value of stator flux angle changing per scanning for setup
ParID: 323 - Motor holding brake: Maximal position error
ParID: 324 - Manual set value of stator leakage current
ParID: 325 - CTRL Current controller: Additive set value parameter ID
ParID: 326 - Amplitude of stator leakage current for square-wave signal generator
ParID: 327 - Offset of stator leakage current for square-wave signal generator
ParID: 328 - CTRL Controller: Mode
ParID: 329 - CTRL Speed controller: Set speed
ParID: 330 - Amplitude of rotation speed for square-wave signal generator
ParID: 331 - Offset of rotation speed for square-wave signal generator
ParID: 332 - Turn-on time (maximum amplitude of square-wave pulse)
ParID: 333 - Turn-off time (minimum amplitude of square-wave pulse)
ParID: 334 - Motor: Phasing: Command
ParID: 335 - Relay state
ParID: 336 - Encoder1: Error state
ParID: 337 - Encoder2: Error state
ParID: 338 - Encoder3: Error state
ParID: 339 - CTRL Speed controller: Standardized set speed
ParID: 340 - Messages: Command write error state into error FIFO
ParID: 341 - CTRL Speed controller: Factor for standardized set speed
ParID: 342 - Motor: Temperature model: Load
ParID: 343 - CTRL Torque limiter: Override
ParID: 344 - CTRL Torque limiter: LIM_T1_POS override
ParID: 345 - CTRL DC bus: Limiter: Switch on threshold
ParID: 346 - CTRL Torque limiter: LIM_T1_NEG override
ParID: 347 - Power stage: Switch frequency
ParID: 348 - CTRL Torque limiter: Maximum deceleration torque in positive direction
ParID: 349 - CTRL Torque limiter: Maximum deceleration torque in negative direction
ParID: 350 - Rotor flux angle
ParID: 351 - Power mains: Error response
ParID: 352 - Motor: Temperature model: Maximum load
ParID: 353 - Power stage: Overcurrent GND: Counter
ParID: 354 - Slippage angular velocity
ParID: 355 - Drive synchronisation: Total time
ParID: 356 - Drive synchronisation: Master
ParID: 357 - Drive synchronisation: Master cycle time
ParID: 358 - Digital IO: Status

ParID: 359 - Drive synchronisation: Deviation from master time
ParID: 360 - Digital IO: Configuration
ParID: 361 - Command: Digital output set
ParID: 362 - Command: Digital output clear
ParID: 363 - Period of sync telegram
ParID: 364 - Testvariable
ParID: 365 - Power stage: Heatsink temperature sensor: AD-converter value
ParID: 366 - Temperature sensor: AD-converter value
ParID: 367 - Power mains: Status
ParID: 368 - CTRL DC bus: Limiter: Mode
ParID: 369 - Encoder1: INC Reference pulse state
ParID: 370 - Encoder2: INC Reference pulse state
ParID: 371 - Encoder3: INC Reference pulse state
ParID: 372 - Encoder1: Gear ratio encoder revolutions
ParID: 373 - Motor: Temperature model: Mode
ParID: 374 - CTRL Torque limiter: LIM_T2_POS override
ParID: 375 - CTRL Torque limiter: LIM_T2_NEG override
ParID: 376 - Status temperature monitoring
ParID: 377 - Power stage: Continuous current: Load
ParID: 378 - Power stage: Continuous current: Maximum load
ParID: 379 - Power stage: Peak current: Load
ParID: 380 - Power stage: Heatsink temperature sensor: Temperature
ParID: 381 - Temperature sensor: Temperature
ParID: 382 - Power stage: Junction temperature model: Temperature
ParID: 383 - Bleeder: Temperature model: Temperature
ParID: 384 - Power stage: Heatsink temperature sensor: Maximum temperature
ParID: 385 - Temperature sensor: Maximum temperature
ParID: 386 - Power stage: Junction temperature model: Maximum temperature
ParID: 387 - Bleeder: Temperature model: Maximum temperature
ParID: 388 - Power stage: peak current: Maximum load
ParID: 389 - FB EPROM: Serial-ID
ParID: 390 - CTRL DC bus: Nominal voltage
ParID: 391 - Temperature prediction: Mode
ParID: 392 - Temperature prediction: Trigger Parameter-ID
ParID: 393 - Motor: Temperature model: Temperature
ParID: 394 - Motor: Temperature model: Maximum temperature
ParID: 395 - Power mains: Status main relay
ParID: 396 - Down counter indicating whether NTC is hot
ParID: 397 - CTRL DC bus: Status
ParID: 398 - Bleeder: Selector
ParID: 399 - Command: quality check mode
ParID: 400 - VAX Basis movements: Start movement with absolute target position
ParID: 401 - VAX Basis movements: Start movement with relative move distance
ParID: 402 - VAX Basis movements: Start movement in positive direction
ParID: 403 - VAX Basis movements: Start movement in negative direction
ParID: 404 - VAX Basis movements: Speed in positive direction
ParID: 405 - VAX Basis movements: Speed in negative direction
ParID: 406 - VAX Basis movements: Acceleration in positive direction
ParID: 407 - VAX Basis movements: Deceleration in positive direction

ParID: 408 - VAX Basis movements: Acceleration in negative direction
ParID: 409 - VAX Basis movements: Deceleration in negative direction
ParID: 410 - VAX Basis movements: Target position
ParID: 411 - VAX Basis movements: Relative move distance
ParID: 412 - VAX: Position
ParID: 413 - VAX: Speed
ParID: 414 - Internal test parameter for development
ParID: 415 - VAX Limit values: Jolt time
ParID: 416 - Basis movements: Mode 'stop after trigger'
ParID: 417 - Basis movements: Remaining distance for mode 'stop after trigger'
ParID: 418 - Basis movements: Trigger event for mode 'stop after trigger'
ParID: 419 - Basis movements: Mode
ParID: 420 - Encoder2: Load scaling: Units per SCALE_ENCOD2_REV encoder revolutions
ParID: 421 - Encoder2: Load scaling: encoder revolutions
ParID: 422 - Encoder2: Load scaling: Count direction
ParID: 423 - Encoder2: Actual position
ParID: 424 - Encoder2: Reference position
ParID: 425 - Encoder2: Control bits for homing mode
ParID: 426 - Encoder2: Command start homing procedure
ParID: 427 - Encoder2: Status home position valid
ParID: 428 - CTRL Position controller: Input set position
ParID: 429 - Encoder2: Time constant for actual position filter
ParID: 430 - Command: Start cam profile linkage
ParID: 431 - Cam profile: Master axis
ParID: 432 - Cam automat: Index and data of polynomial cam profile
ParID: 433 - Cam profile: Maximum speed of master axis
ParID: 434 - Cam profile: Start position of the master axis
ParID: 435 - Cam profile: Synchronous distance of master axis
ParID: 436 - Cam profile: Compensation distance of master axis
ParID: 437 - Cam profile: Trigger mode of master axis
ParID: 438 - Cam profile: Trigger distance of master axis
ParID: 439 - Cam profile: Synchronous distance of slave axis
ParID: 440 - Cam profile: Compensation distance of slave axis
ParID: 441 - Cam profile: Trigger distance of slave axis
ParID: 442 - Cam profile: Trigger mode of slave axis
ParID: 443 - Cam profile: Minimum compensation distance of slave axis
ParID: 444 - Cam profile: Maximum compensation distance of slave axis
ParID: 445 - Cam profile: Compensation gears type
ParID: 446 - Cam profile: Trigger window of slave axis
ParID: 447 - Cam profile: Status for drumsequencer enable
ParID: 448 - Cam profile: Compensation trigger mode of master axis
ParID: 449 - Cam profile: Distance compensation trigger of master axis
ParID: 450 - CTRL Position controller: Mode switch
ParID: 451 - Trace: Address for test date
ParID: 452 - Actual position rising edge trigger1
ParID: 453 - Actual position falling edge trigger1
ParID: 454 - Actual position rising edge trigger2
ParID: 455 - Actual position falling edge trigger2
ParID: 456 - Cam profile: Compensation trigger window of master axis

ParID: 457 - Cyclic communication: Mode
ParID: 458 - Trace: Address for trigger event
ParID: 459 - Digital inputs: Ignore limit switch
ParID: 460 - Digital inputs: Status reference switch
ParID: 461 - Digital inputs: Status positive end switch
ParID: 462 - Digital inputs: Status negative end switch
ParID: 463 - Digital inputs: Status trigger1
ParID: 464 - Digital inputs: Status trigger2
ParID: 465 - Status: Controller
ParID: 466 - Homing: Status home position valid
ParID: 467 - Basis movements: Status 'target position reached'
ParID: 468 - Status: Movement active
ParID: 469 - Messages: Status error record available
ParID: 470 - Messages: Status warning record available
ParID: 471 - Status: Drive ready
ParID: 472 - Command: Start/stop drumsequencer
ParID: 473 - Drumsequencer: Master axis
ParID: 474 - Drumsequencer: ID for online change of start position
ParID: 475 - Drumsequencer: Start position
ParID: 476 - Drumsequencer: Interval
ParID: 477 - Drumsequencer: Index of parameter record for one track
ParID: 478 - Drumsequencer: Number of digital output
ParID: 479 - Drumsequencer: Enable ID
ParID: 480 - Drumsequencer: Delay time to switch
ParID: 481 - Drumsequencer: Index of parameter record for one cam
ParID: 482 - Drumsequencer: Position within interval for output ON
ParID: 483 - Drumsequencer: Position within interval for output OFF
ParID: 484 - Network coupling: Parameter ID of send data master1
ParID: 485 - Network coupling: Parameter ID of send data master2
ParID: 486 - Cam profile: Min. compensation trigger interval of master axis
ParID: 487 - Cam profile: Max. compensation trigger interval of master axis
ParID: 488 - Cam profile: Min. trigger interval of slave axis
ParID: 489 - Cam profile: Max. trigger interval of slave axis
ParID: 490 - Cam profile: Trigger delay time slave axis
ParID: 491 - Command: Switch controller on/off with active cam profile
ParID: 492 - Cam profile: Additive element of master axis
ParID: 493 - Cam profile: Trigger window of master axis
ParID: 494 - Network coupling: Parameter ID of send data master3
ParID: 495 - Cam automat: Index for start state
ParID: 496 - VAX Cam automat: Index for start state
ParID: 497 - Parameter1 for cyclic status
ParID: 498 - Parameter2 for cyclic status
ParID: 499 - Internal test parameter for development
ParID: 500 - Cam automat: Cam profile polynomial data
ParID: 501 - Cam automat: Index of cam profile data for Upload/Download
ParID: 502 - Cam automat: Command
ParID: 503 - Cam automat: Master axis
ParID: 504 - Cam automat: Start position of the master axis
ParID: 505 - Cam automat: Start interval of the master axis

ParID: 506 - Cam automat: Maximum speed of master axis
ParID: 507 - Cam automat: Index of parameter record for one state
ParID: 508 - Cam automat: Index of parameter record for one event
ParID: 509 - Cam automat: Index of cam profile data for one state
ParID: 510 - Cam automat: Compensation gears mode
ParID: 511 - Cam automat: Compensation distance of master axis
ParID: 512 - Cam automat: Compensation distance of slave axis
ParID: 513 - Cam automat: Event type
ParID: 514 - Cam automat: Event attribute
ParID: 515 - Cam automat: Index next state
ParID: 516 - Cam automat: Set signal
ParID: 517 - Cam automat: Index of the actual state
ParID: 518 - Cam automat: Reset signal
ParID: 519 - Cam automat: Multiplication factor of master axis
ParID: 520 - Cam automat: Multiplication factor of slave axis
ParID: 521 - Cam automat: Initial count of state repetitions for event ncCOUNT
ParID: 522 - Cam automat: Count of state repetitions for event ncCOUNT
ParID: 523 - Cam automat: Minimum compensation distance of master axis
ParID: 524 - Movement stop: Command quickstop
ParID: 525 - Bits in cyclic status for external set value mode
ParID: 526 - Homing: Offset for actual position
ParID: 527 - Cam automat: Lock for consistent online parameter change
ParID: 528 - Cam automat: Action at state transition
ParID: 529 - Cam automat: Cam type of the actual state
ParID: 530 - Latch1: Trigger event
ParID: 531 - Latch1: Parameter ID of value to latch
ParID: 532 - Latch1: Window
ParID: 533 - Latch1: Position of window and activation
ParID: 534 - Latch1: Result value
ParID: 535 - Latch1: Status
ParID: 536 - Latch2: Trigger event
ParID: 537 - Latch2: Parameter ID of value to latch
ParID: 538 - Latch2: Window
ParID: 539 - Latch2: Position of window and activation
ParID: 540 - Latch2: Result value
ParID: 541 - Latch2: Status
ParID: 542 - Network coupling: Cyclic position master1
ParID: 543 - Network coupling: Cyclic position master2
ParID: 544 - Parameter sequence: Index and data
ParID: 545 - Cam profile: Enable movement
ParID: 546 - Cam profile: Transition to standstill and inhibit movement
ParID: 547 - Cam profile: Index of the actual state
ParID: 548 - Network coupling: Cyclic position master3
ParID: 549 - Cam automat: Relative start distance of master axis within cam profile
ParID: 550 - VAX Cam automat: Relative start distance of master axis within cam profile
ParID: 551 - VAX Cam automat: Command
ParID: 552 - VAX Cam automat: Master axis
ParID: 553 - VAX Cam automat: Start position of the master axis
ParID: 554 - VAX Cam automat: Start interval of the master axis

ParID: 555 - VAX Cam automat: Maximum speed of master axis
ParID: 556 - VAX Cam automat: Index of parameter record for one state
ParID: 557 - VAX Cam automat: Index of parameter record for one event
ParID: 558 - VAX Cam automat: Index of cam profile data for one state
ParID: 559 - VAX Cam automat: Compensation gears mode
ParID: 560 - VAX Cam automat: Compensation distance of master axis
ParID: 561 - VAX Cam automat: Compensation distance of slave axis
ParID: 562 - VAX Cam automat: Event type
ParID: 563 - VAX Cam automat: Event attribute
ParID: 564 - VAX Cam automat: Index next state
ParID: 565 - VAX Cam automat: Set signal
ParID: 566 - VAX Cam automat: Index of the actual state
ParID: 567 - VAX Cam automat: Reset signal
ParID: 568 - VAX Cam automat: Multiplication factor of master axis
ParID: 569 - VAX Cam automat: Multiplication factor of slave axis
ParID: 570 - VAX Cam automat: Initial count of state repetitions for event ncCOUNT
ParID: 571 - VAX Cam automat: Count of state repetitions for event ncCOUNT
ParID: 572 - VAX Cam automat: Minimum compensation distance of master axis
ParID: 573 - VAX Cam automat: Lock for consistent online parameter change
ParID: 574 - VAX Cam automat: Action at state transition
ParID: 575 - VAX Cam automat: Cam type of the actual state
ParID: 576 - VAX Movement stop: Command stop movement
ParID: 577 - VAX: Command start homing procedure
ParID: 578 - Encoder2: Filtered actual position
ParID: 579 - Cam automat: Additive master axis
ParID: 580 - VAX Cam automat: Additive master axis
ParID: 581 - Cam automat: Additive slave axis
ParID: 582 - VAX Cam automat: Additive slave axis
ParID: 583 - Digital inputs: Quickstop enable bits
ParID: 584 - Function block: User I4 variable1
ParID: 585 - Function block: User I4 variable2
ParID: 586 - Function block: User R4 variable1
ParID: 587 - Function block: User R4 variable2
ParID: 588 - Cam automat: Trigger1 delay time
ParID: 589 - Cam automat: Trigger2 delay time
ParID: 590 - Cam automat: Switch controller on/off with active cam automat
ParID: 591 - Network coupling: Station number of sender
ParID: 592 - Network coupling: Master Parameter ID of sender station
ParID: 593 - Network coupling: Configure station to receive on MA1_CYCLIC_POS
ParID: 594 - Network coupling: Configure station to receive on MA2_CYCLIC_POS
ParID: 595 - Network coupling: Configure station to receive on MA3_CYCLIC_POS
ParID: 596 - Parameter scaling: Input parameter ID
ParID: 597 - Parameter scaling: Offset
ParID: 598 - Parameter scaling: Factor
ParID: 599 - Parameter scaling: Output value (I2 format)
ParID: 600 - Deceleration for positive SW end position
ParID: 601 - Deceleration for negative SW end position
ParID: 602 - Network coupling: Interpolation mode for cyclic position master1
ParID: 603 - Network coupling: Interpolation mode for cyclic position master2

ParID: 604 - Network coupling: Interpolation mode for cyclic position master3
ParID: 605 - Cam automat: Parameter ID for latch value of slave axis
ParID: 606 - VAX Cam automat: Parameter ID for latch value of slave axis
ParID: 607 - Cam automat: Minimum compensation distance of slave axis
ParID: 608 - VAX Cam automat: Minimum compensation distance of slave axis
ParID: 609 - Cam automat: Maximum compensation distance of slave axis
ParID: 610 - VAX Cam automat: Maximum compensation distance of slave axis
ParID: 611 - Cam automat: Parameter ID for event
ParID: 612 - VAX Cam automat: Parameter ID for event
ParID: 613 - Cam automat: Minimum speed of slave axis within compensation gears
ParID: 614 - VAX Cam automat: Minimum speed of slave axis within compensation gears
ParID: 615 - Cyclic external set values: Parameter ID additive set position
ParID: 616 - Positive end switch
ParID: 617 - Negative end switch
ParID: 618 - Command: Set node number
ParID: 619 - Cam automat: Cam offset of master axis
ParID: 620 - Cam automat: Cam offset of slave axis
ParID: 621 - VAX Cam automat: Cam offset of master axis
ParID: 622 - VAX Cam automat: Cam offset of slave axis
ParID: 623 - Cam automat: Start movement with absolute target position
ParID: 624 - VAX Movement stop: Index of parameter record for stop configuration
ParID: 625 - VAX Movement stop: Deceleration ramp
ParID: 626 - Network coupling: Multiplication factor of cycle time
ParID: 627 - Cam automat: State transition count
ParID: 628 - VAX Cam automat: State transition count
ParID: 629 - VAX: Configuration
ParID: 630 - VAX Messages: Error number
ParID: 631 - VAX Messages: Additional error info
ParID: 632 - VAX Messages: Error record
ParID: 633 - Cam automat: Index of cam profile data of the actual state
ParID: 634 - VAX Cam automat: Index of cam profile data of the actual state
ParID: 635 - Limit values: Maximum acceleration for stop of a movement
ParID: 636 - VAX: Initialize parameter sequence
ParID: 637 - Cam automat: Parameter ID of master axis
ParID: 638 - VAX Cam automat: Parameter ID of master axis
ParID: 639 - Cam automat: Jolt time of slave axis within compensation gears
ParID: 640 - VAX Cam automat: Jolt time of slave axis within compensation gears
ParID: 641 - Basis movements: Start movement with cyclic speed set values
ParID: 642 - VAX Basis movements: Start movement with cyclic speed set values
ParID: 643 - Basis movements: Parameter ID for cyclic set speed
ParID: 644 - VAX Basis movements: Parameter ID for cyclic set speed
ParID: 645 - Network receive error counter
ParID: 646 - Network transmit error counter
ParID: 647 - Network stabilization time
ParID: 648 - NCMAN: Test index
ParID: 649 - NCMAN: Test I4
ParID: 650 - NCMAN: Test R4
ParID: 651 - CTRL Torque limiter: Induction stop: Maximum torque
ParID: 652 - Motor: Encoder: Attribute

ParID: 653 - CTRL U/f: Type
ParID: 654 - CTRL U/f: Automatic configuration
ParID: 655 - CTRL U/f: Boost voltage
ParID: 656 - CTRL U/f: Rated voltage
ParID: 657 - CTRL U/f: Rated frequency
ParID: 658 - Motor: Dataset index
ParID: 659 - Encoder1: ADC2 value
ParID: 660 - Load: Initialisation
ParID: 661 - Load: Moment of inertia
ParID: 662 - Load: Static friction
ParID: 663 - Load: Viscous friction
ParID: 664 - Load: parameterID
ParID: 665 - Encoder1: INC Reference pulse interval error
ParID: 666 - Encoder2: INC Reference pulse interval error
ParID: 667 - Encoder3: INC Reference pulse interval error
ParID: 668 - Motor: Ambient temperature
ParID: 669 - Power stage: Ambient temperature
ParID: 670 - Power stage: Continuous power: Load
ParID: 671 - Power stage: Continuous power: Maximum load
ParID: 672 - Motor encoder: Load scaling: Count direction
ParID: 673 - Motor encoder: Load scaling: Units per VCTRL_SCALE_LOAD_MOTREV motor revolution
ParID: 674 - Motor encoder: Load scaling: Motor revolutions
ParID: 675 - Encoder1: INC Reference pulse check mode
ParID: 676 - Encoder2: INC Reference pulse check mode
ParID: 677 - Encoder3: INC Reference pulse check mode
ParID: 678 - Encoder1: INC Reference pulse check window
ParID: 679 - Encoder2: INC Reference pulse check window
ParID: 680 - Encoder3: INC Reference pulse check window
ParID: 681 - Encoder1: INC Reference pulse width
ParID: 682 - Encoder2: INC Reference pulse width
ParID: 683 - Encoder3: INC Reference pulse width
ParID: 684 - Encoder1: INC Reference pulse interval
ParID: 685 - Encoder2: INC Reference pulse interval
ParID: 686 - Encoder3: INC Reference pulse interval
ParID: 687 - CTRL Speed controller: Speed limit positive direction
ParID: 688 - CTRL Speed controller: Speed limit negative direction
ParID: 689 - CTRL Speed controller: Deceleration in positive direction
ParID: 690 - CTRL Speed controller: Deceleration in negative direction
ParID: 691 - CTRL Position controller: Proportional amplification of speed prediction
ParID: 692 - CTRL Position controller: Manipulated variable of integrator
ParID: 693 - Encoder3: Actual position per revolution
ParID: 694 - Encoder3: Load scaling: Units per SCALE_ENCOD3_REV encoder revolutions
ParID: 695 - Encoder3: Load scaling: Encoder revolutions
ParID: 696 - Encoder3: Load scaling: Count direction
ParID: 697 - Encoder3: Actual position
ParID: 698 - Encoder3: Status
ParID: 699 - Encoder3: SSI Number of leading zeros
ParID: 700 - Encoder3: SSI Number of data bits
ParID: 701 - Encoder3: SSI Data code

ParID: 702 - Encoder3: SSI Parity check
ParID: 703 - Encoder3: Encoder scaling: Increments per encoder revolution
ParID: 704 - Encoder3: Type
ParID: 705 - Encoder3: Reference position
ParID: 706 - Encoder3: Control bits for homing mode
ParID: 707 - Encoder3: Command start homing procedure
ParID: 708 - Encoder3: Time constant for actual position filter
ParID: 709 - Encoder3: Status home position valid
ParID: 710 - Encoder3: Filtered actual position
ParID: 711 - Encoder3: Emulation: Output parameter ID
ParID: 712 - Encoder2: Emulation: Output parameter ID
ParID: 713 - CTRL Current controller: Set value parameter ID of stator current quadrature component
ParID: 714 - Network coupling: Error status for cyclic position master1
ParID: 715 - Network coupling: Error status for cyclic position master2
ParID: 716 - Network coupling: Error status for cyclic position master3
ParID: 717 - CTRL Controller: Power off
ParID: 718 - Encoder1: Error Mode
ParID: 719 - Encoder1: Encoder command
ParID: 720 - Test R4 1
ParID: 721 - Test R4 2
ParID: 722 - CTRL Vector controller: Actual position parameter ID
ParID: 723 - Encoder2: Serial resolution per sinus period
ParID: 724 - Encoder3: Serial resolution per sinus period
ParID: 725 - CTRL Current controller: Set value parameter ID of stator current direct component
ParID: 726 - CTRL Speed controller: Parameter ID enable input
ParID: 727 - Encoder1: Ignore check
ParID: 728 - Encoder2: Ignore check
ParID: 729 - Encoder3: Ignore check
ParID: 730 - Encoder1: INC mode
ParID: 731 - Encoder2: INC mode
ParID: 732 - Encoder3: INC mode
ParID: 733 - Encoder1: INC square of the standardized signal amplitude
ParID: 734 - Encoder2: INC square of the standardized signal amplitude
ParID: 735 - Encoder3: INC square of the standardized signal amplitude
ParID: 736 - Encoder1: EnDat Amplitude amplification
ParID: 737 - Encoder2: EnDat Amplitude amplification
ParID: 738 - Encoder3: EnDat Amplitude amplification
ParID: 739 - Encoder1: DCM Basic distance
ParID: 740 - Encoder2: DCM Basic distance
ParID: 741 - Encoder3: DCM Basic distance
ParID: 742 - System administration: Plug-in module: ID from slot 1
ParID: 743 - System administration: Plug-in module: ID from slot 2
ParID: 744 - System administration: Plug-in module: ID from slot 3
ParID: 745 - System administration: Plug-in module: ID from slot 4
ParID: 746 - CTRL Feed forward: Load torque
ParID: 747 - CTRL Feed forward: Acceleration filter time constant
ParID: 748 - CTRL DC bus: Limiter: Upper current limit
ParID: 749 - CTRL DC bus: Limiter: Lower current limit
ParID: 750 - Parameter sequence: Data

ParID: 751 - Parameter sequence: Index for Upload/Download
ParID: 752 - Parameter sequence: Initialize parameter
ParID: 753 - Cam profile: Clear trigger FIFO values at restart
ParID: 754 - Cam profile: Set position
ParID: 755 - Encoder1: Time constant for actual position filter
ParID: 756 - Encoder1: Filtered actual position
ParID: 757 - Drive synchronisation: Total time within the position controller cycle
ParID: 758 - Drumsequencer: Lock for consistent online parameter change
ParID: 759 - Lock for consistent online parameter change
ParID: 760 - Cam automat: Event status bits
ParID: 761 - VAX Cam automat: Event status bits
ParID: 762 - Messages: Error number for configuration
ParID: 763 - Messages: Activate configuration error number
ParID: 764 - Cam automat: Maximum speed of slave axis within compensation gears
ParID: 765 - VAX Cam automat: Maximum speed of slave axis within compensation gears
ParID: 766 - Cam automat: Maximum acceleration of slave axis within compensation phase1
ParID: 767 - VAX Cam automat: Maximum acceleration of slave axis within compensation phase1
ParID: 768 - Cam automat: Maximum acceleration of slave axis within compensation phase2
ParID: 769 - VAX Cam automat: Maximum acceleration of slave axis within compensation phase2
ParID: 770 - Cam automat: Check cam profile polynomial data
ParID: 771 - Cam automat: Set position
ParID: 772 - Cam automat: Check parameter record for one state
ParID: 773 - VAX Cam automat: Check parameter record for one state
ParID: 774 - Encoder1: Extrapolation time for actual position filter
ParID: 775 - Encoder2: Extrapolation time for actual position filter
ParID: 776 - Encoder3: Extrapolation time for actual position filter
ParID: 777 - Function block: Create a FB instance
ParID: 778 - Basis movements: Start movement with cyclic position set values
ParID: 779 - VAX Basis movements: Start movement with cyclic position set values
ParID: 780 - Basis movements: Parameter ID for cyclic set position
ParID: 781 - VAX Basis movements: Parameter ID for cyclic set position
ParID: 782 - VAX Basis movements: Override
ParID: 783 - VAX Basis movements: Speed override
ParID: 784 - VAX Basis movements: Acceleration override
ParID: 785 - Drumsequencer: Delay time to switch output ON
ParID: 786 - Drumsequencer: Delay time to switch output OFF
ParID: 787 - Cyclic communication: Parameter index of monitor data from drive
ParID: 788 - Cyclic communication: Parameter ID of monitor data from drive
ParID: 789 - Time of rising edge trigger1
ParID: 790 - Time of falling edge trigger1
ParID: 791 - Time of rising edge trigger2
ParID: 792 - Time of falling edge trigger2
ParID: 793 - Encoder2: Filtered actual position fractional part
ParID: 794 - Digital inputs: Status enable
ParID: 795 - Cam automat: Parameter ID for multiplication factor of slave axis
ParID: 796 - VAX Cam automat: Parameter ID for multiplication factor of slave axis
ParID: 797 - Interpolation mode for cyclic external set value mode
ParID: 798 - Cam automat: Control bits for message mode
ParID: 799 - VAX Limit values: Ignore SW end positions

ParID: 800 - Limit values: Minimum time for 'controller active' after movement stop
ParID: 801 - Position observer 2: Parameter A0
ParID: 802 - Position observer 2: Parameter A1
ParID: 803 - Position observer 2: Parameter A2
ParID: 804 - Speed Observer: Configuration setting
ParID: 805 - Encoderless control: Transition level
ParID: 806 - Encoderless control: Transition zone
ParID: 807 - Speed Observer: Estimated actual position
ParID: 808 - Speed Observer: Estimated stator current in cartesian stator coordinates direction A
ParID: 809 - Speed Observer: Estimated stator current in cartesian stator coordinates direction B
ParID: 810 - Position observer 1: Estimated electrical angular velocity
ParID: 811 - Signal generator: Mode
ParID: 812 - Signal generator: Signal amplitude
ParID: 813 - Signal generator: Signal offset
ParID: 814 - Signal generator: Signal frequency
ParID: 815 - Signal generator: Output signal
ParID: 816 - Signal generator: Order of the pseudorandom binary signal
ParID: 817 - Inverter adjustment: Amplification factor
ParID: 818 - Inverter adjustment: Exponent
ParID: 819 - Encoder2: ADC1 value
ParID: 820 - Encoder2: ADC2 value
ParID: 821 - Encoder3: ADC1 value
ParID: 822 - Encoder3: ADC2 value
ParID: 823 - Encoder2: Diagnosis 1
ParID: 824 - CTRL Speed controller: Set current filter1 parameter ID for coefficient C0
ParID: 825 - CTRL Speed controller: Set current filter2 parameter ID for coefficient C0
ParID: 826 - CTRL Speed controller: Set current filter3 parameter ID for coefficient C0
ParID: 827 - CTRL Speed controller: Set current filter1 parameter ID for coefficient C1
ParID: 828 - CTRL Speed controller: Set current filter2 parameter ID for coefficient C1
ParID: 829 - CTRL Speed controller: Set current filter3 parameter ID for coefficient C1
ParID: 830 - Temperature prediction: Observation time
ParID: 831 - Temperature prediction: Observation period
ParID: 832 - Temperature prediction: Counter
ParID: 833 - Power stage: Heatsink temperature sensor: Predicted temperature
ParID: 834 - Power stage: Junction temperature model: Predicted temperature
ParID: 835 - Bleeder: Temperature model: Predicted temperature
ParID: 836 - Motor: Temperature model: Predicted load
ParID: 837 - Motor: Temperature model: Predicted temperature
ParID: 838 - Power stage: Continuous current: Predicted load
ParID: 839 - Power stage: Peak current: Predicted load
ParID: 840 - Power stage: Continuous power: Predicted load
ParID: 841 - Power stage: Heatsink temperature sensor: Limit temperature
ParID: 842 - Power stage: Junction temperature model: Limit temperature
ParID: 843 - Bleeder: Temperature model: Limit temperature
ParID: 844 - Power stage: Connection X5 (Motor/Choke): Power
ParID: 845 - CTRL Voltage controller: Parameter ID of set value stator voltage direct component
ParID: 846 - CTRL Voltage controller: Parameter ID of set value stator voltage quadrature component
ParID: 847 - CTRL Vector controller: Parameter-ID of commutation angle
ParID: 848 - CTRL Flux weakening: Integral action time

ParID: 849 - Motor: Thermal time constant
ParID: 850 - CTRL DC bus: Proportional amplification factor
ParID: 851 - CTRL DC bus: Set value voltage
ParID: 852 - CTRL DC bus: Set value current
ParID: 853 - CTRL DC bus: Parameter ID set value voltage
ParID: 854 - CTRL U/f: Limit current
ParID: 855 - CTRL DC bus: Limiter: Current
ParID: 856 - Power stage: Heatsink temperature sensor: AD-converter value1
ParID: 857 - Power stage: Heatsink temperature sensor: AD-converter value2
ParID: 858 - Power stage: Heatsink temperature sensor: AD-converter value3
ParID: 859 - Power stage: Temperature sensor 3: Temperature
ParID: 860 - Power stage: Temperature sensor 4: Temperature
ParID: 861 - Power stage: Temperature sensor 1: Temperature
ParID: 862 - Power stage: Temperature sensor 2: Temperature
ParID: 863 - Power stage: Phase 3: Current
ParID: 864 - Power stage: Summation current
ParID: 865 - Motor: Nominal ambient temperature
ParID: 866 - Motor: Test mode
ParID: 867 - Power mains: Parameter ID external main relay status
ParID: 868 - Power stage: Status
ParID: 869 - CTRL Current: Mode
ParID: 870 - CTRL Flux: Mode
ParID: 871 - CTRL Flux: Magnetizing current limiter: Lower limit
ParID: 872 - Motor: Rotational direction of current
ParID: 873 - CTRL DC bus: Integral action time
ParID: 874 - Motor: Phasing: Time
ParID: 875 - Power stage: Junction temperature model: Structure-index
ParID: 876 - Bleeder: Power loss
ParID: 877 - ISQ-Ripple compensation: Mode
ParID: 878 - Parameter identification: Speed
ParID: 879 - ISQ-Ripple compensation: status bits
ParID: 880 - CTRL vector: Current feed forward time
ParID: 881 - ISQ-Ripple compensation: Current
ParID: 882 - ISQ-Ripple compensation: Data: Index
ParID: 883 - ISQ-Ripple compensation: Data: Frequency
ParID: 884 - ISQ-Ripple compensation: Data: Parameter A
ParID: 885 - ISQ-Ripple compensation: Data: Angle
ParID: 886 - ISQ-Ripple compensation: Data: Index of spectrum
ParID: 887 - Encoder1: Absolute measuring range
ParID: 888 - Encoder2: Absolute measuring range
ParID: 889 - Encoder3: Absolute measuring range
ParID: 890 - CTRL Speed controller: Sum of the set speeds
ParID: 891 - Encoder1: Maximal expected output frequency
ParID: 892 - Encoder1: Output stage
ParID: 893 - Encoder1: Diagnosis 2
ParID: 894 - Encoder1: Diagnosis 3
ParID: 895 - Encoder1: Temperature
ParID: 896 - Encoder1: CRC Polynomial
ParID: 897 - Encoder2: CRC Polynomial

ParID: 898 - Encoder1: Error count
ParID: 899 - Encoder3: CRC Polynomial
ParID: 900 - Cam automat: Status
ParID: 901 - VAX Cam automat: Status
ParID: 902 - Network coupling: Cyclic position master4
ParID: 903 - Network coupling: Cyclic position master5
ParID: 904 - Network coupling: Configure station to receive on MA4_CYCLIC_POS
ParID: 905 - Network coupling: Configure station to receive on MA5_CYCLIC_POS
ParID: 906 - Network coupling: Interpolation mode for cyclic position master4
ParID: 907 - Network coupling: Interpolation mode for cyclic position master5
ParID: 908 - Limit values: Minimum time induction stop
ParID: 909 - Cyclic communication: Count of data to drive
ParID: 910 - Move configuration: Index of parameter record
ParID: 911 - Move configuration: Maximum speed in positive direction
ParID: 912 - Move configuration: Maximum speed in negative direction
ParID: 913 - Move configuration: Maximum acceleration in positive direction
ParID: 914 - Move configuration: Maximum deceleration in positive direction
ParID: 915 - Move configuration: Maximum acceleration in negative direction
ParID: 916 - Move configuration: Maximum deceleration in negative direction
ParID: 917 - Cam automat: Index of parameter record of move configuration
ParID: 918 - VAX Cam automat: Trigger1 delay time
ParID: 919 - VAX Cam automat: Trigger2 delay time
ParID: 920 - Cam automat: Control bits for function mode
ParID: 921 - VAX Cam automat: Control bits for function mode
ParID: 922 - Network coupling: Receive data point: Bit offset within the data field of the frame
ParID: 923 - Network coupling: Receive data point: Data type
ParID: 924 - Cam automat: Position shift at the start
ParID: 925 - Basis movements: Index of parameter record of move configuration
ParID: 926 - Cam automat: Mode for event type ncS_START
ParID: 927 - VAX Cam automat: Mode for event type ncS_START
ParID: 928 - Basis movements: Position period
ParID: 929 - Basis movements: Offset of actual period
ParID: 930 - Basis movements: Movement direction in relation to the position period
ParID: 931 - Basis movements: Start movement with target position of a period
ParID: 932 - VAX Basis movements: Position period
ParID: 933 - VAX Basis movements: Offset of actual period
ParID: 934 - VAX Basis movements: Movement direction in relation to the position period
ParID: 935 - VAX Basis movements: Start movement with target position of a period
ParID: 936 - Cam automat: Parameter ID1 for event
ParID: 937 - Cam automat: Parameter ID2 for event
ParID: 938 - Cam automat: Parameter ID3 for event
ParID: 939 - Cam automat: Parameter ID4 for event
ParID: 940 - VAX Cam automat: Parameter ID1 for event
ParID: 941 - VAX Cam automat: Parameter ID2 for event
ParID: 942 - VAX Cam automat: Parameter ID3 for event
ParID: 943 - VAX Cam automat: Parameter ID4 for event
ParID: 944 - Digital inputs: Parameter ID for reference switch
ParID: 945 - Digital inputs: Parameter ID for positive end switch
ParID: 946 - Digital inputs: Parameter ID for negative end switch

ParID: 947 - Network coupling: Send data master1: Bit offset within the data field of the frame
ParID: 948 - Network coupling: Error status for cyclic position master4
ParID: 949 - Network coupling: Error status for cyclic position master5
ParID: 950 - Induction stop: Short circuit current (synchronous motor)
ParID: 951 - Encoder2: Resolver transmission ratio
ParID: 952 - Encoder3: Resolver transmission ratio
ParID: 953 - Encoder3: Diagnosis 1
ParID: 954 - CTRL Flux weakening: Demagnetizing current
ParID: 955 - Sensorless mode: Torque proportional current
ParID: 956 - Sensorless mode: Field proportional current
ParID: 957 - CTRL U/f: Slip compensation: Multiplication factor of compensated frequency
ParID: 958 - Sensorless mode: Compensated speed
ParID: 959 - CTRL Flux weakening: Start speed flux weakening
ParID: 960 - Test R4 01
ParID: 961 - Test R4 02
ParID: 962 - CTRL Flux weakening: Voltage limit
ParID: 963 - Parameter identification: Value of the quality function
ParID: 964 - Parameter identification: Identification step
ParID: 965 - Parameter identification: Information number
ParID: 966 - Motor: Actual mutual inductance
ParID: 967 - Magnetization curve: Parameter 1
ParID: 968 - Magnetization curve: Parameter 2
ParID: 969 - Magnetization curve: Parameter 3
ParID: 970 - Magnetization curve: Parameter 4
ParID: 971 - Parameter identification: Unsaturated mutual inductance
ParID: 972 - Parameter identification: Unsaturated magnetizing current
ParID: 973 - Parameter identification: Switch frequency
ParID: 974 - Parameter identification: Motor: Line cross section
ParID: 975 - Parameter identification: Motor: Type
ParID: 976 - Parameter identification: Motor: Number of polepairs
ParID: 977 - Parameter identification: Motor: Rated voltage
ParID: 978 - Parameter identification: Motor: Voltage constant
ParID: 979 - Parameter identification: Motor: Rated speed
ParID: 980 - Parameter identification: Motor: Maximum speed
ParID: 981 - Parameter identification: Motor: Stall torque
ParID: 982 - Parameter identification: Motor: Rated torque
ParID: 983 - Parameter identification: Motor: Peak torque
ParID: 984 - Parameter identification: Motor: Torque constant
ParID: 985 - Parameter identification: Motor: Stall current
ParID: 986 - Parameter identification: Motor: Rated current
ParID: 987 - Parameter identification: Motor: Peak current
ParID: 988 - Parameter identification: Motor: Magnetizing current
ParID: 989 - Parameter identification: Motor: Active power factor
ParID: 990 - Parameter identification: Motor: Rated frequency
ParID: 991 - Parameter identification: Motor: Phase
ParID: 992 - Parameter identification: Inverter: Amplification factor
ParID: 993 - Parameter identification: Inverter: Exponent
ParID: 994 - Parameter identification: Motor: State bits
ParID: 995 - Parameter identification: Mode

ParID: 996 - Parameter identification: State
ParID: 997 - Parameter identification: Command
ParID: 998 - Parameter identification: Quality
ParID: 1000 - Test I4
ParID: 1001 - System administration: Module: BsLoader
ParID: 1002 - System administration: Module: NC operating System
ParID: 1003 - System administration: Module: Basis BsLoader
ParID: 1004 - System administration: Parameter Request: Bit offset within the data field of the frame
ParID: 1005 - System administration: Parameter Response: Bit offset within the data field of the frame
ParID: 1006 - Cyclic communication: Data to drive: Bit offset within the data field of the frame
ParID: 1007 - Cyclic communication: Data from drive: Bit offset within the data field of the frame
ParID: 1008 - Cyclic communication: Monitor data from drive: Bit offset within the data field of the frame
ParID: 1009 - Basis movements: Halt
ParID: 1010 - System administration: Module: Version
ParID: 1011 - System administration: Module: Date and time
ParID: 1013 - System administration: Module: Section for read access
ParID: 1015 - Basis movements: Event start: Mode
ParID: 1016 - Basis movements: Event start: Parameter ID for event
ParID: 1017 - Basis movements: event start: Parameter ID for target position
ParID: 1018 - Basis movements: event start: Parameter ID for target speed
ParID: 1019 - Basis movements: Event start: Command parameter ID
ParID: 1020 - Basis movements: Event start: Status
ParID: 1021 - VAX Basis movements: Event start: Mode
ParID: 1022 - VAX Basis movements: Event start: Parameter ID for event
ParID: 1023 - VAX Basis movements: Event start: Parameter ID for target position
ParID: 1024 - VAX Basis movements: Event start: Parameter ID for target speed
ParID: 1025 - VAX Basis movements: Event start: Command parameter ID
ParID: 1026 - VAX Basis movements: Event start: Status
ParID: 1027 - VAX Basis movements: Halt
ParID: 1028 - Basis movements: Start movement with current speed
ParID: 1029 - VAX Basis movements: Start movement with current speed
ParID: 1030 - CTRL Speed controller: Set current filter1 type
ParID: 1031 - CTRL Speed controller: Set current filter2 type
ParID: 1032 - CTRL Speed controller: Set current filter3 type
ParID: 1033 - CTRL Speed controller: Set current filter1 coefficient A0
ParID: 1034 - CTRL Speed controller: Set current filter2 coefficient A0
ParID: 1035 - CTRL Speed controller: Set current filter3 coefficient A0
ParID: 1036 - CTRL Speed controller: Set current filter1 coefficient A1
ParID: 1037 - CTRL Speed controller: Set current filter2 coefficient A1
ParID: 1038 - CTRL Speed controller: Set current filter3 coefficient A1
ParID: 1039 - CTRL Speed controller: Set current filter1 coefficient B0
ParID: 1040 - CTRL Speed controller: Set current filter2 coefficient B0
ParID: 1041 - CTRL Speed controller: Set current filter3 coefficient B0
ParID: 1042 - CTRL Speed controller: Set current filter1 coefficient B1
ParID: 1043 - CTRL Speed controller: Set current filter2 coefficient B1
ParID: 1044 - CTRL Speed controller: Set current filter3 coefficient B1
ParID: 1045 - CTRL Speed controller: Set current filter1 coefficient B2
ParID: 1046 - CTRL Speed controller: Set current filter2 coefficient B2
ParID: 1047 - CTRL Speed controller: Set current filter3 coefficient B2

ParID: 1048 - Encoder1: Resolver transmission ratio
ParID: 1049 - CTRL Position controller: Input set position fractional part
ParID: 1050 - System administration: SW Reset
ParID: 1051 - System administration: Change Boot State
ParID: 1052 - System administration: Boot State
ParID: 1053 - System administration: Module: Burn
ParID: 1054 - System administration: Module: Burn status
ParID: 1055 - System administration: Test command
ParID: 1056 - System administration: Test status
ParID: 1057 - System administration: Test parameter
ParID: 1058 - Encoder2: Homing offset
ParID: 1059 - Encoder3: Homing offset
ParID: 1060 - Data block transfer: Read data block segment
ParID: 1061 - Data block transfer: Read last data block segment
ParID: 1062 - Data block transfer: Abort data block read access
ParID: 1063 - Data block transfer: Offset for data block read access
ParID: 1064 - Data block transfer: Remaining bytes for data block read access
ParID: 1065 - Movement stop: Command stop movement
ParID: 1066 - VAX Movement stop: Command stop movement
ParID: 1067 - Cam automat: Position of slave axis
ParID: 1068 - VAX Cam automat: Position of slave axis
ParID: 1069 - Network: Parameter command to drive
ParID: 1070 - Data block transfer: Write data block segment
ParID: 1071 - Data block transfer: Write last data block segment
ParID: 1072 - Data block transfer: Abort data block write access
ParID: 1073 - Encoder2: Command start homing procedure
ParID: 1074 - Encoder3: Command start homing procedure
ParID: 1075 - Cam automat: Relative distance of master axis within cam
ParID: 1076 - VAX Cam automat: Relative distance of master axis within cam
ParID: 1077 - Cam automat: Relative entry distance of master axis within cam profile
ParID: 1078 - VAX Cam automat: Relative entry distance of master axis within cam profile
ParID: 1079 - VAX Cam automat: Control bits for message mode
ParID: 1080 - Address of system variable0
ParID: 1081 - Address of system variable1
ParID: 1082 - Address of system variable2
ParID: 1083 - Address of system variable3
ParID: 1084 - Address of system variable4
ParID: 1085 - Address of system variable5
ParID: 1086 - Address of system variable6
ParID: 1087 - Address of system variable7
ParID: 1088 - Address of system variable8
ParID: 1089 - Address of system variable9
ParID: 1090 - System variable0
ParID: 1091 - System variable1
ParID: 1092 - System variable2
ParID: 1093 - System variable3
ParID: 1094 - System variable4
ParID: 1095 - System variable5
ParID: 1096 - System variable6

ParID: 1097 - System variable7
ParID: 1098 - System variable8
ParID: 1099 - System variable9
ParID: 1100 - Trace: Data
ParID: 1101 - Autotuning: Maximum percentage for rated current
ParID: 1102 - Autotuning: Maximum percentage for speed
ParID: 1103 - Autotuning: Maximum movement distance
ParID: 1104 - Autotuning: Maximum lag error
ParID: 1105 - Autotuning: Step
ParID: 1106 - Autotuning: Number of stimulation periods
ParID: 1107 - Test R4 03
ParID: 1108 - Test R4 04
ParID: 1109 - Autotuning: Estimated drive inertia
ParID: 1110 - Autotuning: Order of stimulation signal
ParID: 1111 - Autotuning: Option control bits
ParID: 1125 - Parameter identification: Sub-mode
ParID: 1126 - Parameter identification: State bits
ParID: 1127 - ISQ-Ripple compensation: Data: Amplitude for quadrant I
ParID: 1128 - ISQ-Ripple compensation: Data: Angle for quadrant I
ParID: 1129 - ISQ-Ripple compensation: Data: Amplitude for quadrant III
ParID: 1130 - ISQ-Ripple compensation: Data: Angle for quadrant III
ParID: 1131 - ISQ-Ripple compensation: Reference system
ParID: 1132 - ISQ-Ripple compensation: Data: Parameter B
ParID: 1133 - Parameter identification: position
ParID: 1134 - ISQ-Ripple compensation: Position offset
ParID: 1135 - Encoder: Mode
ParID: 1136 - Encoder2: Mode
ParID: 1137 - Encoder3: Mode
ParID: 1138 - Parameter identification: Iteration counter
ParID: 1139 - PowerMeter: Mode
ParID: 1140 - PowerMeter: Observation period
ParID: 1141 - PowerMeter: Trigger parameter-ID
ParID: 1142 - PowerMeter: Actual cycle time
ParID: 1143 - PowerMeter: Cycle counter
ParID: 1144 - PowerMeter: Mean active power
ParID: 1145 - PowerMeter: Minimum active power
ParID: 1146 - PowerMeter: Maximum active power
ParID: 1147 - PowerMeter: Mean reactive power
ParID: 1148 - PowerMeter: Consumed energy
ParID: 1149 - PowerMeter: Produced energy
ParID: 1150 - Limit values: Speed error for stop of a movement
ParID: 1151 - Power mains: Phase 1: Voltage
ParID: 1152 - Power mains: Phase 2: Voltage
ParID: 1153 - Power mains: Phase 3: Voltage
ParID: 1154 - CTRL DC bus: Rectifier: DC-: Current
ParID: 1155 - CTRL Chopper: Current
ParID: 1156 - CTRL Flux: Parameter-ID Set magnetizing current
ParID: 1157 - Temperature sensor: Resistance
ParID: 1158 - Temperature sensor: Parameter-ID Resistance

ParID: 1159 - CTRL Speed controller: Speed error
ParID: 1160 - SafeMC: Trace Object
ParID: 1161 - SafeMC: Trace Command
ParID: 1162 - Power stage: Number of power stages
ParID: 1163 - Limit values: Speed error monitoring: Mode
ParID: 1164 - Charging resistor: Data pointer
ParID: 1165 - Power limiter: Limit value
ParID: 1166 - CTRL Current: Automatic configuration
ParID: 1167 - Encoder1: Diagnosis ID
ParID: 1168 - Encoder1: Diagnosis
ParID: 1169 - CTRL DC bus: minimum-to-rated voltage ratio
ParID: 1170 - Number of modul slots
ParID: 1171 - Order text
ParID: 1172 - Motor: Temperature model: Limit temperature
ParID: 1173 - Encoder1: Compensation: Mode
ParID: 1174 - Encoder: Data: Index
ParID: 1175 - Encoder: Data: Parameter A0
ParID: 1176 - Encoder: Data: Parameter A1
ParID: 1177 - Encoder: Data: Parameter A2
ParID: 1178 - CTRL CR_OK: Switch off threshold
ParID: 1179 - Movement stop: Minimum time for cyclic bit 'stop after drive event'
ParID: 1180 - CTRL Position controller: Deceleration in positive direction at activating the enable input
ParID: 1181 - CTRL Position controller: Deceleration in negative direction at activating the enable input
ParID: 1182 - RESERVED1182
ParID: 1183 - Network coupling: Receive data point: Cycle time
ParID: 1184 - Homing: Mode for saving and restoring position data
ParID: 1185 - Basis movements: Start movement with target position and adjustment of deceleration
ParID: 1186 - Basis movements: Profile generator set position
ParID: 1187 - Basis-Bewegungen: Profile generator change of set position per cycle
ParID: 1188 - RESERVED1188
ParID: 1189 - RESERVED1189
ParID: 1190 - Encoder1: SSI Number of trailing bits
ParID: 1191 - Encoder2: SSI Number of trailing bits
ParID: 1192 - Encoder3: SSI Number of trailing bits
ParID: 1193 - Digital inputs: Quickstop deceleration ramp
ParID: 1194 - Drive synchronisation: Total time within the network cycle
ParID: 1195 - System administration: Maximum length of acyclic data
ParID: 1196 - CTRL Position controller: Mode bits
ParID: 1197 - Axis crosslink: Axis number
ParID: 1198 - Axis crosslink: Parameter ID
ParID: 1199 - Movement stop: Jolt time
ParID: 1200 - Broadcast request for cyclic status
ParID: 1201 - Latch command drive synchronization
ParID: 1202 - Time stamp for drive synchronization
ParID: 1203 - Cyclic status bits for external set value generator
ParID: 1204 - Cam automat: Index for relative start position of the master axis within interval
ParID: 1205 - Cam automat: Relative start position of the master axis within interval
ParID: 1206 - VAX Cam automat: Index for relative start position of the master axis within interval
ParID: 1207 - VAX Cam automat: Relative start position of the master axis within interval

ParID: 1208 - Motor: Number of motor phases
ParID: 1209 - Motor: Encoder: Limit temperature
ParID: 1210 - Motor: Temperature model: Reference sensor: Parameter ID
ParID: 1211 - Motor: Temperature model: Thermal resistance 1
ParID: 1212 - Motor: Temperature model: Thermal capacity 1
ParID: 1213 - Motor: Temperature model: Thermal resistance 2
ParID: 1214 - Motor: Temperature model: Thermal capacity 2
ParID: 1215 - Temperature sensor: Type
ParID: 1216 - Temperature sensor: Limit temperature
ParID: 1217 - Motor: Temperature model: Temperature 13
ParID: 1218 - Motor: Temperature model: Temperature 2
ParID: 1220 - CTRL DC bus: Overvoltage monitoring: Threshold for torque off
ParID: 1221 - CTRL DC bus: Overvoltage monitoring: Threshold for stop on
ParID: 1222 - Power stage: Temperature model: Temperature
ParID: 1223 - Power mains: Frequency tolerance
ParID: 1224 - Motor: Vendor ID
ParID: 1225 - Encoder1: Serial position phase shift
ParID: 1226 - Encoder2: Serial position phase shift
ParID: 1227 - Encoder3: Serial position phase shift
ParID: 1228 - Encoder1: Serial resolution per sinus period
ParID: 1229 - CTRL Speed controller: Cycle time
ParID: 1230 - Encoder1: Compensation: Parameter 1
ParID: 1231 - Encoder1: Compensation: Parameter 2
ParID: 1232 - Encoder1: Compensation: Parameter 3
ParID: 1233 - Encoder1: Compensation: Parameter 4
ParID: 1234 - Encoder1: Compensation: Maximal current for identification
ParID: 1235 - RESERVED1235
ParID: 1236 - RESERVED1236
ParID: 1237 - CTRL Speed controller: Repetitive Control: Command
ParID: 1238 - CTRL Speed controller: Repetitive Control: Prediction time
ParID: 1239 - CTRL Speed controller: Repetitive Control: Minimal speed
ParID: 1240 - CTRL Speed controller: Repetitive Control: Cutoff frequency of filter
ParID: 1241 - CTRL Speed controller: Repetitive Control: Order of filter
ParID: 1242 - CTRL Speed controller: Repetitive Control: State
ParID: 1243 - CTRL Speed controller: Repetitive Control: Type of filter
ParID: 1244 - CTRL Speed controller: Repetitive Control: Resolution
ParID: 1245 - CTRL Speed controller: Repetitive Control: Output value
ParID: 1246 - RESERVED1246
ParID: 1247 - RESERVED1247
ParID: 1248 - RESERVED1248
ParID: 1249 - RESERVED1249
ParID: 1250 - CTRL Flux weakening: Voltage limit reserve
ParID: 1251 - CTRL Flux weakening: PI controller P-gain
ParID: 1252 - RESERVED1252
ParID: 1253 - FWCTRL Test R4 01
ParID: 1254 - FWCTRL Test R4 02
ParID: 1255 - FWCTRL Test R4 03
ParID: 1256 - FWCTRL Test Factor 1
ParID: 1257 - FWCTRL Test Factor 2

ParID: 1258 - RESERVED1258
ParID: 1259 - RESERVED1259
ParID: 1260 - Motor holding brake: Type
ParID: 1261 - Motor holding brake: Resistance
ParID: 1262 - Motor holding brake: Inductance
ParID: 1263 - Motor holding brake: Release current
ParID: 1264 - Motor holding brake: Hold current
ParID: 1265 - RESERVED1265
ParID: 1266 - Motor holding brake: Test duration
ParID: 1267 - RESERVED1267
ParID: 1268 - RESERVED1268
ParID: 1269 - RESERVED1269
ParID: 1270 - CTRL: positive ISQ-limit
ParID: 1271 - CTRL: negative ISQ-limit
ParID: 1272 - RESERVED1272
ParID: 1273 - RESERVED1273
ParID: 1274 - RESERVED1274
ParID: 1275 - RESERVED1275
ParID: 1280 - Parameter identification: Chain
ParID: 1281 - Parameter identification: Time constant
ParID: 1282 - RESERVED1282
ParID: 1283 - RESERVED1283
ParID: 1284 - RESERVED1284
ParID: 1285 - RESERVED1285
ParID: 1286 - RESERVED1286
ParID: 1287 - RESERVED1287
ParID: 1288 - RESERVED1288
ParID: 1289 - RESERVED1289
ParID: 1290 - RESERVED1290
ParID: 1291 - RESERVED1291
ParID: 1292 - RESERVED1292
ParID: 1293 - CTRL Vector controller: Parameter ID of the additive commutation angle
ParID: 1294 - CTRL Vector controller: Additive commutation angle
ParID: 1295 - Voltage observer: Phase volatage U
ParID: 1296 - Voltage observer: Phase volatage V
ParID: 1297 - Voltage observer: Phase volatage W
ParID: 1298 - Voltage observer: Inverter adjustment amplification factor
ParID: 1299 - Voltage observer: Inverter adjustment exponent
ParID: 1300 - Encoder1: Emulation: Offset
ParID: 1301 - Encoder2: Emulation: Offset
ParID: 1302 - Encoder3: Emulation: Offset
ParID: 1303 - Encoder: ADC1: Offset
ParID: 1304 - Encoder: ADC2: Offset
ParID: 1305 - Encoder: ADC1: Gain
ParID: 1306 - Parameter identification: Move distance
ParID: 1307 - CTRL vector: Feed forward time
ParID: 1308 - RESERVED1308
ParID: 1309 - RESERVED1309
ParID: 1310 - RESERVED1310

ParID: 1311 - RESERVED1311
ParID: 1312 - RESERVED1312
ParID: 1313 - RESERVED1313
ParID: 1314 - RESERVED1314
ParID: 1315 - RESERVED1315
ParID: 1316 - RESERVED1316
ParID: 1317 - RESERVED1317
ParID: 1318 - Encoderless control: Parameter-ID Transition
ParID: 1319 - RESERVED1319
ParID: 1320 - Virtual Encoder: Mode
ParID: 1321 - Virtual Encoder: Actual position per revolution
ParID: 1322 - Virtual Encoder: Actual position
ParID: 1323 - Virtual Encoder: Encoder scaling: Units per SCALE_ENC0D0_REV encoder revolutions
ParID: 1324 - Virtual Encoder: Encoder scaling: encoder revolutions
ParID: 1325 - Virtual Encoder: Encoder scaling: Count direction
ParID: 1326 - Virtual Encoder: Status home position valid
ParID: 1327 - Virtual Encoder: Parameter ID of input value
ParID: 1328 - Virtual Encoder: Parameter ID of status
ParID: 1329 - Virtual Encoder: Status
ParID: 1330 - Virtual Encoder: Encoder scaling: increments per motor revolution
ParID: 1331 - Virtual Encoder: Lag error
ParID: 1332 - RESERVED1332
ParID: 1333 - Encoderless control: Stop monitoring: Triggering time
ParID: 1334 - Encoderless control: Transition
ParID: 1335 - Encoderless control: Transition time
ParID: 1336 - Position observer: Reference flux
ParID: 1337 - Encoderless Control: Parameter-ID Set current direct component
ParID: 1338 - Encoderless Control: Set current direct component
ParID: 1339 - Position observer: Actual flux
ParID: 1340 - CTRL Flux weakening: Offset voltage limitation
ParID: 1341 - RESERVED1341
ParID: 1342 - RESERVED1342
ParID: 1343 - Parameter identification: Trace variable 1
ParID: 1344 - Parameter identification: Trace variable 2
ParID: 1345 - Position observer 1: Mode
ParID: 1346 - Position observer 2: Mode
ParID: 1347 - Position observer 1: Estimated electrical flux angle
ParID: 1348 - Position observer 2: Estimated electrical flux angle
ParID: 1349 - Position observer 1: Estimated electrical angular speed
ParID: 1350 - Position observer 2: Estimated electrical angular speed
ParID: 1351 - Position observer 1: Parameter A0
ParID: 1352 - Position observer 1: Parameter A1
ParID: 1353 - Position observer 1: Parameter A2
ParID: 1354 - Observer: Mode bits
ParID: 1355 - RESERVED1355
ParID: 1356 - RESERVED1356
ParID: 1357 - Position observer 2: Parameter B0 Parameter-ID
ParID: 1358 - Position observer 2: Parameter B1 Parameter-ID
ParID: 1359 - RESERVED1359

ParID: 1360 - Encoder2: Diagnosis ID
ParID: 1361 - Encoder2: Diagnosis
ParID: 1362 - Encoder3: Diagnosis ID
ParID: 1363 - Encoder3: Diagnosis
ParID: 1364 - Encoder2: Encoder command
ParID: 1365 - Encoder3: Encoder command
ParID: 1366 - Encoder2: Temperature
ParID: 1367 - Encoder3: Temperature
ParID: 1368 - Encoder2: Error count
ParID: 1369 - Encoder3: Error count
ParID: 1370 - Encoder1: SSI content index
ParID: 1371 - Encoder1: SSI content type
ParID: 1372 - Encoder2: SSI content index
ParID: 1373 - Encoder2: SSI content type
ParID: 1374 - Encoder3: SSI content index
ParID: 1375 - Encoder3: SSI content type
ParID: 1376 - Encoder2: Diagnosis 4
ParID: 1377 - Encoder1: Diagnosis 4
ParID: 1378 - Encoder3: Diagnosis 4
ParID: 1379 - RESERVED1379
ParID: 1380 - CTRL Torque: Command
ParID: 1381 - CTRL Torque: Parameter ID of set value torque
ParID: 1382 - CTRL Torque: Set value torque
ParID: 1383 - CTRL Torque: Set value torque ramp
ParID: 1384 - CTRL Torque: Minimum limit speed
ParID: 1385 - CTRL Torque: Maximum limit speed
ParID: 1386 - CTRL Torque: Limit speed rate
ParID: 1387 - CTRL Torque: Status
ParID: 1388 - PWM: Configuration
ParID: 1389 - CTRL DC bus: Set value rise time
ParID: 1390 - RESERVED1390
ParID: 1391 - RESERVED1391
ParID: 1392 - RESERVED1392
ParID: 1393 - RESERVED1393
ParID: 1394 - RESERVED1394
ParID: 1395 - RESERVED1395
ParID: 1396 - RESERVED1396
ParID: 1397 - RESERVED1397
ParID: 1398 - RESERVED1398
ParID: 1399 - RESERVED1399
ParID: 3072 - FB LOGIC: Mode
ParID: 3080 - FB LOGIC: Parameter ID of input1
ParID: 3088 - FB LOGIC: Parameter ID of input2
ParID: 3096 - FB LOGIC: Result value
ParID: 3104 - FB LOGIC: Parameter ID of input3
ParID: 3112 - FB LOGIC: Parameter ID of input4
ParID: 3584 - FB ARITH: Mode
ParID: 3592 - FB ARITH: Parameter ID of input1
ParID: 3600 - FB ARITH: Parameter ID of input2

ParID: 3608 - FB ARITH: Result value I4
ParID: 3616 - FB ARITH: Result value I4 fractional part
ParID: 3624 - FB ARITH: Result value R4
ParID: 3632 - FB ARITH: Multiplication factor1
ParID: 3640 - FB ARITH: Multiplication factor2
ParID: 4096 - FB VAR: Variable0 I4
ParID: 4104 - FB VAR: Variable1 I4
ParID: 4112 - FB VAR: Variable2 I4
ParID: 4120 - FB VAR: Variable3 I4
ParID: 4128 - FB VAR: Variable0 R4
ParID: 4136 - FB VAR: Variable1 R4
ParID: 4144 - FB VAR: Variable2 R4
ParID: 4152 - FB VAR: Variable3 R4
ParID: 4160 - FB VAR: Variable0 I2
ParID: 4168 - FB VAR: Variable1 I2
ParID: 4176 - FB VAR: Variable2 I2
ParID: 4184 - FB VAR: Variable3 I2
ParID: 4192 - FB VAR: Variable0 UI1
ParID: 4200 - FB VAR: Variable1 UI1
ParID: 4208 - FB VAR: Variable2 UI1
ParID: 4216 - FB VAR: Variable3 UI1
ParID: 4608 - FB EVWR: Parameter ID of event input
ParID: 4616 - FB EVWR: Parameter ID of input
ParID: 4624 - FB EVWR: Event level
ParID: 4632 - FB EVWR: Parameter ID of output value
ParID: 4640 - FB EVWR: Mode
ParID: 5120 - FB MPGEN: Mode
ParID: 5128 - FB MPGEN: Target position
ParID: 5136 - FB MPGEN: Output value I4
ParID: 5144 - FB MPGEN: Output value I4 fractional part
ParID: 5152 - FB MPGEN: Output value R4
ParID: 5160 - FB MPGEN: Status
ParID: 5168 - FB MPGEN: Parameter ID of master position
ParID: 5176 - FB MPGEN: Maximum master speed
ParID: 5184 - FB MPGEN: Maximum speed
ParID: 5192 - FB MPGEN: Maximum acceleration
ParID: 5200 - FB MPGEN: Master compensation distance
ParID: 5208 - FB MPGEN: Parameter ID of target position
ParID: 5216 - FB MPGEN: Target speed
ParID: 5224 - FB MPGEN: Parameter ID of target speed
ParID: 5232 - FB MPGEN: Error counter
ParID: 5632 - FB DIO: input values
ParID: 5640 - FB DIO: output values
ParID: 5648 - FB DIO: input value 1
ParID: 5656 - FB DIO: input value 2
ParID: 5664 - FB DIO: input value 3
ParID: 5672 - FB DIO: input value 4
ParID: 5680 - FB DIO: input value 5
ParID: 5688 - FB DIO: input value 6

ParID: 5696 - FB DIO: input value 7
ParID: 5704 - FB DIO: input value 8
ParID: 5712 - FB DIO: input value 9
ParID: 5720 - FB DIO: input value 10
ParID: 5728 - FB DIO: input value 11
ParID: 5736 - FB DIO: input value 12
ParID: 5744 - FB DIO: input value 13
ParID: 5752 - FB DIO: input value 14
ParID: 5760 - FB DIO: input value 15
ParID: 5768 - FB DIO: input value 16
ParID: 5776 - FB DIO: parameter ID of output 1
ParID: 5784 - FB DIO: parameter ID of output 2
ParID: 5792 - FB DIO: parameter ID of output 3
ParID: 5800 - FB DIO: parameter ID of output 4
ParID: 5808 - FB DIO: parameter ID of output 5
ParID: 5816 - FB DIO: parameter ID of output 6
ParID: 5824 - FB DIO: parameter ID of output 7
ParID: 5832 - FB DIO: parameter ID of output 8
ParID: 5840 - FB DIO: parameter ID of output 9
ParID: 5848 - FB DIO: parameter ID of output 10
ParID: 5856 - FB DIO: parameter ID of output 11
ParID: 5864 - FB DIO: parameter ID of output 12
ParID: 5872 - FB DIO: Parameter ID of output 13
ParID: 5880 - FB DIO: parameter ID of output 14
ParID: 5888 - FB DIO: parameter ID of output 15
ParID: 5896 - FB DIO: parameter ID of output 16
ParID: 5904 - FB DIO: command set outputs
ParID: 5912 - FB DIO: command clear outputs
ParID: 5920 - FB DIO: IO configuration
ParID: 5928 - FB DIO: Counter input 1
ParID: 5936 - FB DIO: Counter input 2
ParID: 5944 - FB DIO: Checks
ParID: 5952 - FB DIO: output mask
ParID: 5960 - FB DIO: input filter: filter time
ParID: 5968 - FB DIO: input 7: Time of the rising edge
ParID: 5976 - FB DIO: input 7: Time of the falling edge
ParID: 5984 - FB DIO: input 8: Time of the rising edge
ParID: 5992 - FB DIO: input 8: Time of the falling edge
ParID: 6144 - FB AIO: channel 1: Analog value
ParID: 6152 - FB AIO: channel 2: Analog value
ParID: 6160 - FB AIO: channel 1: Comparator threshold pointer parameter
ParID: 6168 - FB AIO: channel 2: Comparator threshold pointer parameter
ParID: 6176 - FB AIO: channel 1: Comparator filter time
ParID: 6184 - FB AIO: channel 2: Comparator filter time
ParID: 6192 - FB AIO: channel 1: Time of the rising edge of the comparator output
ParID: 6200 - FB AIO: channel 2: Time of the rising edge of the comparator output
ParID: 6208 - FB AIO: channel 1: Time of the falling edge of the comparator output
ParID: 6216 - FB AIO: channel 2: Time of the falling edge of the comparator output
ParID: 6224 - FB AIO: channel 1: Comparator mode

ParID: 6232 - FB AIO: channel 2: Comparator mode
ParID: 6240 - FB AIO: channel 1: Comparator extremum (minimum, maximum)
ParID: 6248 - FB AIO: channel 2: Comparator extremum (minimum, maximum)
ParID: 6256 - FB AIO: channel 1: Comparator output
ParID: 6264 - FB AIO: channel 2: Comparator output
ParID: 6272 - FB AIO: state
ParID: 6280 - FB AIO: channel 1: Filter
ParID: 6288 - FB AIO: channel 2: Filter
ParID: 6296 - FB AIO: channel 3: Analog value
ParID: 6304 - FB AIO: channel 4: Analog value
ParID: 6656 - FB CMP: parameter ID of input
ParID: 6664 - FB CMP: threshold
ParID: 6672 - FB CMP: window
ParID: 6680 - FB CMP: hysteresis window
ParID: 6688 - FB CMP: mode
ParID: 6696 - FB CMP: result value
ParID: 7168 - FB DELAY: parameter ID of input
ParID: 7176 - FB DELAY: time
ParID: 7184 - FB DELAY: I4 result value
ParID: 7192 - FB DELAY: I4 result value fractional part
ParID: 7200 - FB DELAY: R4 result value
ParID: 7680 - FB PID: parameter ID of input
ParID: 7688 - FB PID: proportional amplification factor
ParID: 7696 - FB PID: integral action time
ParID: 7704 - FB PID: maximum integral action
ParID: 7712 - FB PID: derivative action time
ParID: 7720 - FB PID: time delay constant
ParID: 7728 - FB PID: result value
ParID: 7736 - FB PID: parameter ID of enable input
ParID: 7744 - FB PID: result of P part
ParID: 7752 - FB PID: result of I part
ParID: 7760 - FB PID: result of DT1 part
ParID: 8192 - FB CURVE: Mode
ParID: 8200 - FB CURVE: Parameter ID of input
ParID: 8208 - FB CURVE: Index of cam profile data
ParID: 8216 - FB CURVE: Result value I4
ParID: 8224 - FB CURVE: Result value I4 fractional part
ParID: 8232 - FB CURVE: Result value R4
ParID: 8240 - FB CURVE: Result value I4 relative within interval
ParID: 8248 - FB CURVE: Result value I4 relative fractional part
ParID: 8256 - FB CURVE: Result value R4 relative within interval
ParID: 8264 - FB CURVE: Result value interval offset
ParID: 8272 - FB CURVE: Multiplication factor for input interval
ParID: 8280 - FB CURVE: Multiplication factor for output interval
ParID: 8288 - FB CURVE: Compensation gears command
ParID: 8296 - FB CURVE: Compensation distance of master axis, input interval
ParID: 8304 - FB CURVE: Compensation distance of slave axis, output interval
ParID: 8312 - FB CURVE: Entrance gradient in the compensation gears
ParID: 8320 - FB CURVE: Exit gradient from the compensation gears

ParID: 8328 - FB CURVE: Maximum speed of master axis
ParID: 8336 - FB CURVE: Maximum speed of slave axis within compensation gears
ParID: 8344 - FB CURVE: Minimum speed of slave axis within compensation gears
ParID: 8352 - FB CURVE: Maximum acceleration of slave axis within compensation phase1
ParID: 8360 - FB CURVE: Maximum acceleration of slave axis within compensation phase2
ParID: 8368 - FB CURVE: Compensation gears command status
ParID: 8376 - FB CURVE: Compensation gears command result
ParID: 8704 - FB IPL: Mode
ParID: 8712 - FB IPL: Parameter ID of input
ParID: 8720 - FB IPL: Cycle time
ParID: 8728 - FB IPL: Extrapolation time
ParID: 8736 - FB IPL: Result value I4
ParID: 8744 - FB IPL: Result value I4 fractional part
ParID: 8752 - FB IPL: Result value R4
ParID: 8760 - FB IPL: Parameter ID of event input
ParID: 9216 - FB VARITH: Mode
ParID: 9224 - FB VARITH: Dimension
ParID: 9232 - FB VARITH: Parameter ID of input, element a1
ParID: 9240 - FB VARITH: Parameter ID of input, element a2
ParID: 9248 - FB VARITH: Parameter ID of input, element a3
ParID: 9256 - FB VARITH: Parameter ID of input, element a4
ParID: 9264 - FB VARITH: Parameter ID of input, element a5
ParID: 9272 - FB VARITH: Parameter ID of input, element b1
ParID: 9280 - FB VARITH: Parameter ID of input, element b2
ParID: 9288 - FB VARITH: Parameter ID of input, element b3
ParID: 9296 - FB VARITH: Parameter ID of input, element b4
ParID: 9304 - FB VARITH: Parameter ID of input, element b5
ParID: 9312 - FB VARITH: Result value1
ParID: 9320 - FB VARITH: Result value2
ParID: 9328 - FB VARITH: Result value3
ParID: 9336 - FB VARITH: Result value4
ParID: 9344 - FB VARITH: Result value5
ParID: 9728 - FB LATCH: Mode
ParID: 9736 - FB LATCH: Parameter ID of input
ParID: 9744 - FB LATCH: Parameter ID of trigger event input
ParID: 9752 - FB LATCH: Trigger event type
ParID: 9760 - FB LATCH: Minimal signal width of trigger event
ParID: 9768 - FB LATCH: Maximum signal width of trigger event
ParID: 9776 - FB LATCH: Window
ParID: 9784 - FB LATCH: Window position
ParID: 9792 - FB LATCH: Interval of window position
ParID: 9800 - FB LATCH: Interval elongation of window position
ParID: 9808 - FB LATCH: Delay time
ParID: 9816 - FB LATCH: Signal width of trigger event
ParID: 9824 - FB LATCH: Result value
ParID: 9832 - FB LATCH: Difference: Window position minus result value
ParID: 9840 - FB LATCH: Status
ParID: 9848 - FB LATCH: Error counter
ParID: 9856 - FB LATCH: Window1

ParID: 9864 - FB LATCH: Window2
ParID: 9872 - FB LATCH: Status counter
ParID: 10240 - FB EPROM: ID
ParID: 10248 - FB EPROM: Data block index
ParID: 10256 - FB EPROM: Data block
ParID: 10264 - FB EPROM: Product code
ParID: 10272 - FB EPROM: Serial number
ParID: 10280 - FB EPROM: Product type
ParID: 10288 - FB EPROM: Hardware revision
ParID: 10296 - FB EPROM: Hardware variant
ParID: 10304 - FB EPROM: Status
ParID: 10752 - FB CAMCON: Mode
ParID: 10760 - FB CAMCON: Parameter ID of input
ParID: 10768 - FB CAMCON: Start position
ParID: 10776 - FB CAMCON: Interval
ParID: 10784 - FB CAMCON: Delay time to switch output ON
ParID: 10792 - FB CAMCON: Delay time to switch output OFF
ParID: 10800 - FB CAMCON: Switch delay: Filter time constant
ParID: 10808 - FB CAMCON: Hysteresis window
ParID: 10816 - FB CAMCON: Maximum number of cams
ParID: 10824 - FB CAMCON: Index of parameter record for one cam
ParID: 10832 - FB CAMCON: Start position of cam within interval
ParID: 10840 - FB CAMCON: End position of cam within interval
ParID: 10848 - FB CAMCON: Output value
ParID: 10856 - FB CAMCON: Input speed
ParID: 10864 - FB CAMCON: Parameter ID start event
ParID: 10872 - FB CAMCON: Parameter record for one track
ParID: 10880 - FB CAMCON: Select parameter record for one track
ParID: 10888 - FB CAMCON: Mode to select a parameter record for one track
ParID: 10896 - FB CAMCON: Active parameter record for one track
ParID: 11264 - FB MUX: Mode
ParID: 11272 - FB MUX: Parameter ID of selector input
ParID: 11280 - FB MUX: Maximum selector value
ParID: 11288 - FB MUX: Output value I4
ParID: 11296 - FB MUX: Output value R4
ParID: 11304 - FB MUX: Output value offset I4
ParID: 11312 - FB MUX: Output value offset R4
ParID: 11320 - FB MUX: Parameter ID of input0
ParID: 11328 - FB MUX: Parameter ID of input1
ParID: 11336 - FB MUX: Parameter ID of input2
ParID: 11344 - FB MUX: Parameter ID of input3
ParID: 11352 - FB MUX: Parameter ID of input4
ParID: 11360 - FB MUX: Parameter ID of input5
ParID: 11368 - FB MUX: Parameter ID of input6
ParID: 11376 - FB MUX: Parameter ID of input7
ParID: 11384 - FB MUX: Parameter ID of input8
ParID: 11392 - FB MUX: Parameter ID of input9
ParID: 11400 - FB MUX: Parameter ID of input10
ParID: 11408 - FB MUX: Parameter ID of input11

ParID: 11416 - FB MUX: Parameter ID of input12
ParID: 11424 - FB MUX: Parameter ID of input13
ParID: 11432 - FB MUX: Parameter ID of input14
ParID: 11440 - FB MUX: Parameter ID of input15
ParID: 11448 - FB MUX: Gradient of offset ramp
ParID: 11456 - FB MUX: Time of offset ramp
ParID: 11776 - FB FIFO: Mode
ParID: 11784 - FB FIFO: Maximum length
ParID: 11792 - FB FIFO: Distance for output value2
ParID: 11800 - FB FIFO: Parameter ID input
ParID: 11808 - FB FIFO: Parameter ID input event
ParID: 11816 - FB FIFO: Parameter ID output event
ParID: 11824 - FB FIFO: Actual length
ParID: 11832 - FB FIFO: Output value I4
ParID: 11840 - FB FIFO: Output value R4
ParID: 11848 - FB FIFO: Output value2 I4
ParID: 11856 - FB FIFO: Output value2 R4
ParID: 12288 - FB MINMAX: Mode
ParID: 12296 - FB MINMAX: Output value I4
ParID: 12304 - FB MINMAX: Output value R4
ParID: 12312 - FB MINMAX: Parameter ID of input1
ParID: 12320 - FB MINMAX: Parameter ID of input2
ParID: 12328 - FB MINMAX: Parameter ID of input3
ParID: 12336 - FB MINMAX: Parameter ID of input4
ParID: 12800 - FB BIT: Mode
ParID: 12808 - FB BIT: Operand a1
ParID: 12816 - FB BIT: Operand a2
ParID: 12824 - FB BIT: Operand a3
ParID: 12832 - FB BIT: Operand a4
ParID: 12840 - FB BIT: Operand a5
ParID: 12848 - FB BIT: Operand a6
ParID: 12856 - FB BIT: Operand a7
ParID: 12864 - FB BIT: Operand a8
ParID: 12872 - FB BIT: Operand b1
ParID: 12880 - FB BIT: Operand b2
ParID: 12888 - FB BIT: Operand b3
ParID: 12896 - FB BIT: Operand b4
ParID: 12904 - FB BIT: Operand b5
ParID: 12912 - FB BIT: Operand b6
ParID: 12920 - FB BIT: Operand b7
ParID: 12928 - FB BIT: Operand b8
ParID: 12936 - FB BIT: Parameter ID of input1
ParID: 12944 - FB BIT: Parameter ID of input2
ParID: 12952 - FB BIT: Parameter ID of input3
ParID: 12960 - FB BIT: Parameter ID of input4
ParID: 12968 - FB BIT: Parameter ID of input5
ParID: 12976 - FB BIT: Parameter ID of input6
ParID: 12984 - FB BIT: Parameter ID of input7
ParID: 12992 - FB BIT: Parameter ID of input8

ParID: 13000 - FB BIT: Result value1 UI1
ParID: 13008 - FB BIT: Result value1 UI2
ParID: 13016 - FB BIT: Result value1
ParID: 13024 - FB BIT: Result value2
ParID: 13032 - FB BIT: Result value3
ParID: 13040 - FB BIT: Result value4
ParID: 13048 - FB BIT: Result value5
ParID: 13056 - FB BIT: Result value6
ParID: 13064 - FB BIT: Result value7
ParID: 13072 - FB BIT: Result value8
ParID: 13312 - FB CTRL: Command
ParID: 13320 - FB CTRL: Mode
ParID: 13328 - FB CTRL: State
ParID: 13336 - FB CTRL: Parameter ID input1
ParID: 13344 - FB CTRL: Parameter ID input2
ParID: 13352 - FB CTRL: Parameter ID input3
ParID: 13360 - FB CTRL: Parameter input1 UI1
ParID: 13368 - FB CTRL: Parameter input2 UI1
ParID: 13376 - FB CTRL: Parameter input1 R4
ParID: 13384 - FB CTRL: Parameter input2 R4
ParID: 13392 - FB CTRL: Parameter input3 R4
ParID: 13400 - FB CTRL: Parameter input4 R4
ParID: 13408 - FB CTRL: Parameter input5 R4
ParID: 13416 - FB CTRL: Parameter input6 R4
ParID: 13424 - FB CTRL: Parameter input7 R4
ParID: 13432 - FB CTRL: Parameter input8 R4
ParID: 13440 - FB CTRL: Parameter input9 R4
ParID: 13448 - FB CTRL: Parameter input10 R4
ParID: 13456 - FB CTRL: Parameter input11 R4
ParID: 13464 - FB CTRL: Parameter input12 R4
ParID: 13472 - FB CTRL: Parameter input13 R4
ParID: 13480 - FB CTRL: Parameter output1 UI2
ParID: 13488 - FB CTRL: Parameter output1 R4
ParID: 13496 - FB CTRL: Parameter output2 R4
ParID: 13504 - FB CTRL: Parameter output3 R4
ParID: 13512 - FB CTRL: Parameter output4 R4
ParID: 13520 - FB CTRL: Parameter output5 R4
ParID: 13528 - FB CTRL: Parameter ID input4
ParID: 13536 - FB CTRL: Parameter ID input5
ParID: 13544 - FB CTRL: Parameter ID input6
ParID: 13552 - FB CTRL: Parameter ID input7
ParID: 13560 - FB CTRL: Parameter ID input8
ParID: 13568 - FB CTRL: Parameter ID input9
ParID: 13576 - FB CTRL: Parameter ID input10
ParID: 13584 - FB CTRL: Parameter ID input11
ParID: 13592 - FB CTRL: Parameter ID input12
ParID: 13600 - FB CTRL: Parameter ID input13
ParID: 13608 - FB CTRL: Parameter ID input14
ParID: 13616 - FB CTRL: Parameter ID input15

ParID: 13624 - FB CTRL: Parameter ID input16
ParID: 13632 - FB CTRL: Parameter input1 UI4
ParID: 13640 - FB CTRL: Parameter input2 UI4
ParID: 13648 - FB CTRL: Parameter output6 R4
ParID: 13656 - FB CTRL: Parameter output7 R4
ParID: 13664 - FB CTRL: Parameter output8 R4
ParID: 13672 - FB CTRL: Parameter output9 R4
ParID: 13680 - FB CTRL: Parameter output10 R4
ParID: 13688 - FB CTRL: Parameter input14 R4
ParID: 13696 - FB CTRL: Parameter input15 R4
ParID: 13704 - FB CTRL: Parameter input16 R4
ParID: 13712 - FB CTRL: Parameter input17 R4
ParID: 13720 - FB CTRL: Parameter input3 UI4
ParID: 13728 - FB CTRL: Parameter input18 R4
ParID: 13824 - FB COUNT: Mode
ParID: 13832 - FB COUNT: Parameter ID of event input1
ParID: 13840 - FB COUNT: Parameter ID of event input2
ParID: 13848 - FB COUNT: Parameter ID trigger input to set counter value
ParID: 13856 - FB COUNT: Value to set counter
ParID: 13864 - FB COUNT: Maximum counter value
ParID: 13872 - FB COUNT: Comparator compare value
ParID: 13880 - FB COUNT: Result value
ParID: 13888 - FB COUNT: Comparator status
ParID: 13896 - FB COUNT: Event status
ParID: 13904 - FB COUNT: Parameter ID of enable input
ParID: 64201 - Servo drive adjustment: Velocity at maximum output value
ParID: 64225 - Encoder1: Range of encoder position
ParID: 64232 - Stepper motor: Step scaling: Steps per motor revolution
ParID: 64233 - Stepper motor: Load scaling: Units per SM_SCALE_LOAD_MOTREV motor revolutions
ParID: 64234 - Stepper motor: Load scaling: Motor revolutions
ParID: 64237 - Encoder2: Range of encoder position
ParID: 64238 - Set value, delay time (controller - hardware)
ParID: 64250 - Servo drive adjustment: Mode
ParID: 65444 - NCSYS download via broadcast
ParID: 65445 - Task class Cyclic #1: Output delay
ParID: 65446 - Task class Cyclic #1: Output transfer synchronous with task class
ParID: 65447 - Extended coupling data for ACP10_MC_BROADCAST
ParID: 65448 - Network Trace: Live sign
ParID: 65449 - Network phase
ParID: 65450 - ACOPOS motor slot
ParID: 65451 - Execution of SDM_Motion_Action successfully completed
ParID: 65452 - ActionID
ParID: 65453 - Error during execution of SDM_Motion_Action
ParID: 65454 - Call of SDM_Motion_Action()
ParID: 65455 - Call of naction() by System Diagnostics Manager (SDM)
ParID: 65456 - POWERLINK: Product code
ParID: 65457 - Hardware Revision
ParID: 65458 - Hardware product code
ParID: 65459 - Task class for handling of cyclic data with PLCopen

ParID: 65460 - ACOPOS subslot
ParID: 65461 - Command Status
ParID: 65462 - HPRIO Command Status
ParID: 65463 - NC Manager: State of Network Initialization
ParID: 65464 - ACOPOS type
ParID: 65465 - POWERLINK: plState()
ParID: 65466 - POWERLINK: Multiplexed station
ParID: 65467 - POWERLINK: Multiplex prescale factor
ParID: 65468 - Error Number
ParID: 65469 - Aborted by
ParID: 65470 - PLCopen MC FB: Error
ParID: 65471 - PLCopen MC FB: Aborted
ParID: 65472 - NC Operating System: Hardware revision
ParID: 65473 - NC Operating System: Hardware type
ParID: 65474 - ACOPOS ID production number
ParID: 65475 - ACOPOS ID
ParID: 65476 - TNC Operating System: Type of the BR module
ParID: 65477 - BR module: NC Manager
ParID: 65478 - POWERLINK: Interface firmware version
ParID: 65479 - POWERLINK: Version
ParID: 65480 - POWERLINK: Cycle time
ParID: 65481 - AR: Version
ParID: 65482 - AR: System tick
ParID: 65483 - Network Trace: Start index of ring buffer
ParID: 65484 - Task class for NC Manager task: Tolerance
ParID: 65485 - Task class for NC Manager task: Cycle time
ParID: 65486 - Task class for NC Manager task
ParID: 65487 - PLCopen axis state
ParID: 65488 - Call of naction() by CNC
ParID: 65489 - Call of naction() by Motion Components
ParID: 65490 - Call of naction()
ParID: 65491 - Call of naction() by PLCopen MC Library
ParID: 65492 - Status of naction() not equal to ncOK
ParID: 65493 - subject
ParID: 65494 - action
ParID: 65495 - PLCopen MC FB
ParID: 65496 - status
ParID: 65497 - Call of nalloc()
ParID: 65498 - Call of naccess()
ParID: 65499 - Task class
ParID: 65500 - Trace: Parameter ID of system variable of test date 0
ParID: 65501 - Trace: Parameter ID of system variable of test date 1
ParID: 65502 - Trace: Parameter ID of system variable of test date 2
ParID: 65503 - Trace: Parameter ID of system variable of test date 3
ParID: 65504 - Trace: Parameter ID of system variable of test date 4
ParID: 65505 - Trace: Parameter ID of system variable of test date 5
ParID: 65506 - Trace: Parameter ID of system variable of test date 6
ParID: 65507 - Trace: Parameter ID of system variable of test date 7
ParID: 65508 - Trace: Parameter ID of system variable of test date 8

ParID: 65509 - Trace: Parameter ID of system variable of test date 9
ParID: 65534 - Response Parameter ID for Service Interface: INIT value
ParID: 65535 - Messages: Error response

