




Version: V1.0 Release Date: 2019-03-25

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| | |
|------------------------|---|
| OGxx0572 | |
| Vendor ID | 780 (0x030c) |
| Vendor Name | ipf electronic gmbh |
| Vendor Text | High-End in High-Tech. |
| Vendor URL | www.ipf.de |
| Device ID | 6765313 (0x673b01) |
| DeviceFamily | Gabellichtschranken |
| Features | |
| Block Parameter | yes |
| Data Storage | yes |
| Profile Characteristic | 0x0001 (Device Profile: Smart Sensor), 0x8000 (Function Class: Device Identification), 0x8001 (Function Class: Binary Data Channel), 0x8002 (Function Class: Process Data Variables), 0x8003 (Function Class: Device Diagnosis), 0x8004 (Function Class: Teach-In Commands) |
| Supported Access Locks | Parameter: yes, Data Storage: yes, Local Parameterization: yes, Local User Interface: no |
| Communication | |
| IO-Link Revision | V1.1 |
| Transmission Rate | 38400 bit/s (COM2) |
| Minimum Cycle Time | 2.3 ms |
| SIO Mode Supported | yes |
| M-Sequence Capability | PREOPERATE = TYPE_1_V with 8 octets on-request data OPERATE = TYPE_2_2 with 1 octet on-request data ISDU supported |
| Device Variant | OGKB0572 |
| Description | 120mm, Rotlicht |
| Product ID | OGKB0572 |
| Device Icon |  |
| Device Symbol |  |
| Connection Type | M8 connector |
| Connection Symbol |  |
| - pin 1 | brown; L+ |
| - pin 3 | (light) blue; L- |
| - pin 4 | black; C/Q |

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ProcessData id=P_ProcessData

ProcessDataIn "Prozessdaten" id=PI_ProcessDataIn

bit length: 16

data type: 16-bit Record (subindex access not supported)

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------------|-------------------------------|---------------|-------------|-----------------|---------------|--------------------------|-------------|
| 1 | 4 | 12-bit UInteger | 0..255 | | ro | | | Messwert | |
| 2 | 2 | Boolean | false = OK, true = Not OK | | ro | | | Stabilität | |
| 3 | 0 | Boolean | false = Inaktiv, true = Aktiv | | ro | | | Schaltzustand (BDC1, Q1) | |

Octet 0

| | | | | | | | | |
|------------|----|----|----|----|----|----|---|---|
| bit offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
|------------|----|----|----|----|----|----|---|---|

| | | | | | | | | |
|-------------|----|----|---|---|---|---|---|---|
| subindex | 1 | | | | | | | |
| element bit | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 |

Octet 1

| | | | | | | | | |
|-------------|---|---|---|---|-------|---|-------|---|
| bit offset | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| subindex | 1 | | | | ///// | 2 | ///// | 3 |
| element bit | 3 | 2 | 1 | 0 | | | | |

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Standard Variable "Direkte Parameter 1" index=0 id=V_DirectParameters_1

data type: 128-bit Record
access rights: rw

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|----------------|--|---------------|-------------|-----------------|---------------|---------------------------|-------------|
| 1 | 120 | 8-bit UInteger | | | ro | | | Reserviert | |
| 2 | 112 | 8-bit UInteger | | | ro | | | Master Zykluszeit | |
| 3 | 104 | 8-bit UInteger | | | ro | | | Minimale Zykluszeit | |
| 4 | 96 | 8-bit UInteger | | | ro | | | Telegramm-Fähigkeit | |
| 5 | 88 | 8-bit UInteger | | 17 | ro | | | IO-Link Versions-ID | |
| 6 | 80 | 8-bit UInteger | | | ro | | | Prozessdatenlänge Eingang | |
| 7 | 72 | 8-bit UInteger | | | ro | | | Prozessdatenlänge Ausgang | |
| 8 | 64 | 8-bit UInteger | | | ro | | | Hersteller-ID 1 | |
| 9 | 56 | 8-bit UInteger | | | ro | | | Hersteller-ID 2 | |
| 10 | 48 | 8-bit UInteger | | | ro | | | Geräte-ID 1 | |
| 11 | 40 | 8-bit UInteger | | | ro | | | Geräte-ID 2 | |
| 12 | 32 | 8-bit UInteger | | | ro | | | Geräte-ID 3 | |
| 13 | 24 | 8-bit UInteger | | | ro | | | Reserviert | |
| 14 | 16 | 8-bit UInteger | | | ro | | | Reserviert | |
| 15 | 8 | 8-bit UInteger | | | ro | | | Reserviert | |
| 16 | 0 | 8-bit UInteger | 64 = Teachen Anwenden, 65 = Schalterpunkt 1 Einzelwert Teach, 66 = Schalterpunkt 2 Einzelwert Teach, 67 = Zweiwert Teach TP1 SP1, 68 = Zweiwert Teach TP2 SP1, 69 = Zweiwert Teach TP1 SP2, 70 = Zweiwert Teach TP2 SP2, 71 = Schalterpunkt 1 Dynamik Teach Start, 72 = Schalterpunkt 1 Dynamik Teach Stop, 73 = Schalterpunkt 2 Dynamik Teach Start, 74 = Schalterpunkt 2 Dynamik Teach Stop, 79 = Teachen Abbrechen, 130 = Auslieferungszustand wiederherstellen, 160 = Lokale Einstellungen Übernehmen, 163 = Rücksetzen Diagnose Informationen, 240 = IO-Link 1.1 system test command 240, Event 8DFE appears, 241 = IO-Link 1.1 system test command 241, Event 8DFE disappears, 242 = IO-Link 1.1 system test command 242, Event 8DFF appears, 243 = IO-Link 1.1 system test command 243, Event 8DFF disappears | | wo | X | | Standardkommando | |

| | | | | | | | | |
|-------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |
| subindex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| element bit | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

| | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|
| subindex | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| element bit | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 |

Standard Variable "Direkte Parameter 2" index=1 id=V_DirectParameters_2

data type: 128-bit Record

access rights: rw

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|----------------|----------------|---------------|-------------|-----------------|---------------|---------------------------------|-------------|
| 1 | 120 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 1 | |
| 2 | 112 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 2 | |
| 3 | 104 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 3 | |
| 4 | 96 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 4 | |
| 5 | 88 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 5 | |
| 6 | 80 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 6 | |
| 7 | 72 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 7 | |
| 8 | 64 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 8 | |
| 9 | 56 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 9 | |
| 10 | 48 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 10 | |
| 11 | 40 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 11 | |
| 12 | 32 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 12 | |
| 13 | 24 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 13 | |
| 14 | 16 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 14 | |
| 15 | 8 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 15 | |
| 16 | 0 | 8-bit UInteger | | | | | | Gerätespezifischer Parameter 16 | |

| | | | | | | | | |
|-------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |
| subindex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| element bit | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 |

| | | | | | | | | |
|-------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |
| subindex | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| element bit | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 | 7 - 0 |

Standard Variable "Standardkommando" index=2 id=V_SystemCommand

data type: 8-bit UInteger

allowed values: 64 = Teachen Anwenden, 65 = Schalterpunkt 1 Einzelwert Teach, 66 = Schalterpunkt 2 Einzelwert Teach, 67 = Zweiwert Teach TP1 SP1, 68 = Zweiwert Teach TP2 SP1, 69 = Zweiwert Teach TP1 SP2, 70 = Zweiwert Teach TP2 SP2, 71 = Schalterpunkt 1 Dynamik Teach Start, 72 = Schalterpunkt 1 Dynamik Teach Stop, 73 = Schalterpunkt 2 Dynamik Teach Start, 74 = Schalterpunkt 2 Dynamik Teach Stop, 79 = Teachen Abbrechen, 130 = Auslieferungszustand wiederherstellen, 160 = Lokale Einstellungen Übernehmen, 163 = Rücksetzen Diagnose Informationen, 240 = IO-Link 1.1 system test command 240, Event 8DFE appears, 241 = IO-Link 1.1 system test command 241, Event 8DFE disappears, 242 = IO-Link 1.1 system test command 242, Event 8DFF appears, 243 = IO-Link 1.1 system test command 243, Event 8DFF disappears

access rights: wo

modifies other variables

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Standard Variable "Gerätezugriffssperren" index=12 id=V_DeviceAccessLocks

data type: 16-bit Record (subindex access not supported)
access rights: rw

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------|----------------|---------------|-------------|-----------------|---------------|-------------------------------------|-------------|
| 1 | 0 | Boolean | | 0 | | | | Parameter (Schreib-) Zugriffssperre | |
| 2 | 1 | Boolean | | | | | | Datenspeicherungssperre | |
| 3 | 2 | Boolean | | 0 | | | | Lokale Parameterisierungssperre | |
| 4 | 3 | Boolean | | | | | | Lokale Benutzerinterface-Sperre | |

Octet 0

| | | | | | | | | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| bit offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |
| subindex | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// |

Octet 1

| | | | | | | | | |
|------------|--------|--------|--------|--------|---|---|---|---|
| bit offset | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| subindex | ////// | ////// | ////// | ////// | 4 | 3 | 2 | 1 |

Standard Variable "Herstellername" index=16 id=V_VendorName

data type: 64-octet String UTF-8
default value: "ipf electronic gmbh"
access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Herstellertext" index=17 id=V_VendorText

data type: 64-octet String UTF-8
default value: "High-End in High-Tech."
access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Produktname" index=18 id=V_ProductName

data type: 64-octet String UTF-8

access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Produkt-ID" index=19 id=V_ProductID

data type: 64-octet String UTF-8

access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Produkttext" index=20 id=V_ProductText

data type: 64-octet String UTF-8

access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Firmwareversion" index=23 id=V_FirmwareRevision

data type: 64-octet String UTF-8

access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 511 - 504 | 503 - 496 | 495 - 488 | 487 - 480 | 479 - 472 | 471 - 464 | 463 - 456 | 455 - 448 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 447 - 440 | 439 - 432 | 431 - 424 | 423 - 416 | 415 - 408 | 407 - 400 | 399 - 392 | 391 - 384 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 383 - 376 | 375 - 368 | 367 - 360 | 359 - 352 | 351 - 344 | 343 - 336 | 335 - 328 | 327 - 320 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 319 - 312 | 311 - 304 | 303 - 296 | 295 - 288 | 287 - 280 | 279 - 272 | 271 - 264 | 263 - 256 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Anwendungsspezifische Markierung" index=24 id=V_ApplicationSpecificTag

data type: 32-octet String UTF-8

access rights: rw

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 255 - 248 | 247 - 240 | 239 - 232 | 231 - 224 | 223 - 216 | 215 - 208 | 207 - 200 | 199 - 192 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 191 - 184 | 183 - 176 | 175 - 168 | 167 - 160 | 159 - 152 | 151 - 144 | 143 - 136 | 135 - 128 |

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Standard Variable "Fehlerzähler" index=32 id=V_ErrorCount

data type: 16-bit UInteger

access rights: ro

dynamic

| | | | |
|-------------|--------|-------|--|
| octet | 0 | 1 | |
| bit offset | 15 - 8 | 7 - 0 | |
| element bit | 15 - 8 | 7 - 0 | |

Standard Variable "Gerätestatus" index=36 id=V_DeviceStatus

data type: 8-bit UInteger

allowed values: 0 = Gerät ist OK, 1 = Wartung erforderlich, 2 = Außerhalb der Spezifikation, 3 = Funktionsprüfung, 4 = Fehler, 5..255 =

Reserviert

access rights: ro

dynamic

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Standard Variable "Prozessdaten Eingang" index=40 id=V_ProcessDataInput

data type: see ProcessDataIn!

access rights: ro

dynamic

[\[Top\]](#)**Variable "Teach Status" index=59 id=V_TeachState**

description: Zustand Teach-In und Einstellung Teachpunkt

data type: 8-bit Record (subindex access not supported)

access rights: ro

dynamic

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|----------------|--|---------------|-------------|-----------------|---------------|--------------|--|
| 1 | 4 | 2-bit UInteger | 0 = Teachpunkt 1 und 2 nicht geteacht, 1 = Teachpoint 1 erfolgreich geteacht, 2 = Teachpoint 2 erfolgreich geteacht, 3 = Teachpunkt 1 und 2 erfolgreich geteacht | 0 | | | | Teach Status | Ermittlung Teachpunkt erfolgreich oder nicht erfolgreich |
| 2 | 0 | 4-bit UInteger | 0 = Nicht aktiv, 1 = Schalterpunkt gesetzt, 2 = Schalterpunkt 2 gesetzt, 3 = Schalterpunkt 1 und 2 gesetzt, 4 = Warten auf Kommando, 5 = Aktiv, 6 = Reserviert, 7 = Fehler | 0 | | | | Teach State | Zustand Teach-In |

Octet 0

| | | | | | | | | |
|-------------|-------|-------|---|---|---|---|---|---|
| bit offset | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| subindex | ///// | ///// | 1 | | | 2 | | |
| element bit | | | 1 | 0 | 3 | 2 | 1 | 0 |

Variable "Schaltpunkt" index=60 id=V_SetPointsBDC1

description: Schwellwert für Schaltausgang
 data type: 32-bit Record
 access rights: rw
 dynamic

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------------|----------------|---------------|-------------|-----------------|---------------|----------------|-------------------|
| 1 | 16 | 16-bit UInteger | 4..75 | 50 | | | | (1) (BDC1, Q1) | Schwelle Messwert |
| 2 | 0 | 16-bit UInteger | 4..75 | | | | | (2) (BDC1, Q1) | Schwelle Messwert |

| | | | | | |
|-------------|---------|---------|--------|-------|--|
| octet | 0 | 1 | 2 | 3 | |
| bit offset | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |
| subindex | 1 | 1 | 2 | 2 | |
| element bit | 15 - 8 | 7 - 0 | 15 - 8 | 7 - 0 | |

Variable "Schaltpunkt" index=61 id=V_SwitchPointBDC1

description: Modus, Logik für Schaltausgang (BDC1)
 data type: 32-bit Record
 access rights: rw

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------------|--------------------------------|---------------|-------------|-----------------|---------------|-------|--|
| 1 | 24 | 8-bit UInteger | 0 = NO, 1 = NC | 0 | | | | Logik | Schaltinformation invertiert oder nicht invertiert |
| 2 | 16 | 8-bit UInteger | 0 = na, 1 = na, 2 = na, 3 = na | 1 | | | | na | na |
| 3 | 0 | 16-bit UInteger | 0..20 | 0 | | | | na | |

| | | | | | |
|-------------|---------|---------|--------|-------|--|
| octet | 0 | 1 | 2 | 3 | |
| bit offset | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |
| subindex | 1 | 2 | 3 | 3 | |
| element bit | 7 - 0 | 7 - 0 | 15 - 8 | 7 - 0 | |

Variable "Serie" index=64 id=V_Lot

description: Produktion Los
 data type: 16-octet String UTF-8
 access rights: ro

| | | | | | | | | |
|------------|-----------|-----------|-----------|----------|---------|---------|---------|---------|
| octet | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| bit offset | 127 - 120 | 119 - 112 | 111 - 104 | 103 - 96 | 95 - 88 | 87 - 80 | 79 - 72 | 71 - 64 |

| | | | | | | | | |
|------------|---------|---------|---------|---------|---------|---------|--------|-------|
| octet | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| bit offset | 63 - 56 | 55 - 48 | 47 - 40 | 39 - 32 | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 |

Variable "Gerätebedienung" index=65 id=V_Control

description: Auswahl lokale Sensor-Bedienung oder Fernbedienung
 data type: 8-bit UInteger
 allowed values: 0 = Remote, 1 = Lokal
 default value: 1
 access rights: rw

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Variable "Einschaltverzögerung" index=66 id=V_DS

description: Anzugsverzögerung Schaltausgang
 data type: 16-bit UInteger
 allowed values: 0..10000
 default value: 0
 access rights: rw

| | | | |
|-------------|--------|-------|--|
| octet | 0 | 1 | |
| bit offset | 15 - 8 | 7 - 0 | |
| element bit | 15 - 8 | 7 - 0 | |

Variable "Ausschaltverzögerung" index=67 id=V_DR

description: Ausschaltverzögerung Schaltausgang
data type: 16-bit UInteger
allowed values: 0..10000
default value: 0
access rights: rw

| | | | |
|-------------|--------|-------|--|
| octet | 0 | 1 | |
| bit offset | 15 - 8 | 7 - 0 | |
| element bit | 15 - 8 | 7 - 0 | |

Variable "Schaltausgang" index=70 id=V_OutputModeinSIOMode

description: Polarität Schaltausgang
data type: 8-bit UInteger
allowed values: 0 = PP, 1 = NPN, 2 = PNP
default value: 0
access rights: rw

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Variable "Sensor Modus" index=73 id=V_OperatingMode

description: Einstellung Sensor
data type: 8-bit UInteger
allowed values: 0 = Standard, 1 = High Resolution, 2 = Power, 3 = Speed
default value: 0
access rights: rw

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Variable "Teachpunkt" index=80 id=V_TeachvaluesBDC1SP1

description: Erfasste Werte während des Einlernvorgangs
data type: 32-bit Record
access rights: ro
dynamic

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------------|----------------|---------------|-------------|-----------------|---------------|---------|-------------------------|
| 1 | 16 | 16-bit UInteger | | | ro | | | TP1 SP1 | Untere Grenze bei Teach |
| 2 | 0 | 16-bit UInteger | | | ro | | | TP2 SP1 | Obere Grenze bei Teach |

| | | | | | |
|-------------|---------|---------|--------|-------|--|
| octet | 0 | 1 | 2 | 3 | |
| bit offset | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |
| subindex | 1 | 1 | 2 | 2 | |
| element bit | 15 - 8 | 7 - 0 | 15 - 8 | 7 - 0 | |

Variable "Messwert" index=84 id=V_ProcessDataLimits

description: Bisher erfasste Grenzen der Prozessdaten
data type: 32-bit Record
access rights: ro
dynamic

| subindex | bit offset | data type | allowed values | default value | acc. restr. | mod. other var. | excl. from DS | name | description |
|----------|------------|-----------|----------------|---------------|-------------|-----------------|---------------|------|-------------------------------------|
| 1 | 16 | 16-bit | | | ro | | | min | Untere Grenze nach Einschalten oder |

| | | | | | | | | | |
|---|---|-----------------|--|--|----|--|--|-----|---|
| | | UInteger | | | | | | | Rücksetzen |
| 2 | 0 | 16-bit UInteger | | | ro | | | max | Obere Grenze nach Einschalten oder Rücksetzen |

| | | | | | |
|-------------|---------|---------|--------|-------|--|
| octet | 0 | 1 | 2 | 3 | |
| bit offset | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |
| subindex | 1 | 1 | 2 | 2 | |
| element bit | 15 - 8 | 7 - 0 | 15 - 8 | 7 - 0 | |

Variable "Schaltzähler (BDC1, Q1)" index=85 id=V_Switchcounter

description: Schaltvorgänge nach Einschalten oder Rücksetzen

data type: 32-bit UInteger

access rights: ro

dynamic

| | | | | | |
|-------------|---------|---------|--------|-------|--|
| octet | 0 | 1 | 2 | 3 | |
| bit offset | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |
| element bit | 31 - 24 | 23 - 16 | 15 - 8 | 7 - 0 | |

Variable "Temperatur intern" index=86 id=V_Temperature

description: Temperatur Sensor

data type: 16-bit Integer

access rights: ro

dynamic

| | | | |
|-------------|--------|-------|--|
| octet | 0 | 1 | |
| bit offset | 15 - 8 | 7 - 0 | |
| element bit | 15 - 8 | 7 - 0 | |

Variable "Teach-In Qualität" index=87 id=V_TeachQuality

description: Qualität Teach-In aktuell

data type: 8-bit Integer

allowed values: 0 = OK, 1 = OK, 2 = Not OK, 3 = NOT OK

default value: 0

access rights: ro

dynamic

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Variable "Schaltpunkt Potentiometer" index=90 id=V_SensibilitySwitch

description: Position Potentiometer Empfindlichkeit am Sensor

data type: 8-bit UInteger

access rights: ro

dynamic

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

Variable "NO/NC Schalter" index=91 id=V_NoNcSwitch

description: Position Schalter NO/NC am Sensor

data type: 8-bit UInteger

allowed values: 0 = NO, 1 = NC

access rights: ro

dynamic

| | | |
|-------------|-------|--|
| octet | 0 | |
| bit offset | 7 - 0 | |
| element bit | 7 - 0 | |

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ErrorTypes

| Code | Additional code | Name | Description |
|------------|-----------------|---|--|
| 128 (0x80) | 0 (0x00) | Anwendungsfehler im Gerät - keine Details | Zugriff wurde vom Gerät verweigert. Es steht keine Detailinformation zur Verfügung |
| 128 (0x80) | 17 (0x11) | Index nicht vorhanden | Zugriff auf einen nicht existierenden Index |
| 128 (0x80) | 18 (0x12) | Subindex nicht vorhanden | Zugriff auf einen nicht existierenden Subindex |
| 128 (0x80) | 32 (0x20) | Service zur Zeit nicht verfügbar | Auf den Parameter kann gerade nicht zugegriffen werden. Das Gerät erlaubt dies im aktuellen Zustand nicht |
| 128 (0x80) | 35 (0x23) | Zugriff verweigert | Schreibzugriff auf einen schreibgeschützten Parameter |
| 128 (0x80) | 48 (0x30) | Parameterwert außerhalb des gültigen Bereichs | Geschriebener Parameterwert liegt außerhalb des zulässigen Wertebereichs |
| 128 (0x80) | 49 (0x31) | Parameterwert oberhalb der zulässigen Grenze | Geschriebener Parameterwert liegt oberhalb des zulässigen Wertebereichs |
| 128 (0x80) | 50 (0x32) | Parameterwert unterhalb der zulässigen Grenze | Geschriebener Parameterwert liegt unterhalb des zulässigen Wertebereichs |
| 128 (0x80) | 51 (0x33) | Parameterlänge zu groß | Geschriebene Parameterlänge ist größer als erlaubt |
| 128 (0x80) | 52 (0x34) | Parameterlänge zu klein | Geschriebene Parameterlänge ist kleiner als erlaubt |
| 128 (0x80) | 53 (0x35) | Funktion nicht verfügbar | Geschriebenes Kommando wird vom Gerät nicht unterstützt |
| 128 (0x80) | 54 (0x36) | Funktion zur Zeit nicht verfügbar | Geschriebenes Kommando wird vom Gerät im aktuellen Zustand nicht unterstützt |
| 128 (0x80) | 64 (0x40) | Ungültiger Parametersatz | Geschriebener Einzelparameterwert kollidiert mit den anderen Parametereinstellungen |
| 128 (0x80) | 65 (0x41) | Inkonsistenter Parametersatz | Am Ende des Blockparametertransfers wurden Inkonsistenzen erkannt. Der Geräteplausibilitätscheck schlug fehl |
| 128 (0x80) | 130 (0x82) | Applikation nicht bereit | Zugriff wurde verweigert, da das Gerät zur Zeit nicht bereit ist |

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Events

| Code | Type | Name | Description |
|----------------|---------|--------------|---|
| 36350 (0x8dfe) | Warning | Test Event 1 | Event appears by setting index 2 to value 240, Event disappears by setting index 2 to value 241 |
| 36351 (0x8dff) | Warning | Test Event 2 | Event appears by setting index 2 to value 242, Event disappears by setting index 2 to value 243 |

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Process Data Formatting

| Formatting for Process Data id=PI_ProcessDataIn |
|---|
| Subindex 1: % |
| Subindex 2: |
| Subindex 3: |

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Observer Menus

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| V_VendorText |
| V_ProductName |
| V_ProductID |
| V_ProductText |
| V_Lot |
| V_FirmwareRevision |
| V_ApplicationSpecificTag, ro |

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|----------------|
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| |

| |
|-----------------------------|
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| V_SwitchPointBDC1.Logik, ro |

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| V_ProcessDataInput.2 |
| V_ProcessDataInput.3 |

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| V_Switchcounter |

Maintenance Menus**Identification Menu****Identifikation**

| |
|--------------------------|
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| V_VendorText |
| V_ProductName |
| V_ProductID |
| V_ProductText |
| V_Lot |
| V_FirmwareRevision |
| V_ApplicationSpecificTag |

Parameter Menu**Parameter**

| |
|-----------------|
| Hauptfunktionen |
| V_OperatingMode |
| V_Control |

*If V_Control = 0:***Bedienung Remote**

| |
|----------------------------------|
| V_SetPointsBDC1.(1) (BDC1, Q1) % |
|----------------------------------|

*If V_Control = 1:***Bedienung Lokal**

| |
|------------------------------|
| V_NoNcSwitch |
| V_SensibilitySwitch % |
| V_SystemCommand, Button:=160 |

*If V_Control = 0:***Teach Status**

| |
|--------------------------|
| V_TeachState.Teach State |
|--------------------------|

*If V_Control = 0:***Einzelwert Teach**

| |
|-----------------------------|
| V_SystemCommand, Button:=65 |
|-----------------------------|

*If V_Control = 0:***Dynamik Teach (Autoteach)**

| |
|-----------------------------|
| V_SystemCommand, Button:=71 |
| V_SystemCommand, Button:=72 |
| V_SystemCommand, Button:=79 |

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| V_Switchcounter |

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| V_VendorText |
| V_ProductName |
| V_ProductID |
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| V_ApplicationSpecificTag |

| |
|--|
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| V_DeviceAccessLocks.Lokale Parameterisierungssperre |
| V_SystemCommand, Button:=130 |
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| V_TeachvaluesBDC1SP1.TP2 SP1 % |
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| V_DR ms |
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| V_SystemCommand, Button:=65 |
| <i>If V_Control = 0:</i> |
| Dynamik Teach (Autoteach) |
| V_SystemCommand, Button:=71 |
| V_SystemCommand, Button:=72 |
| V_SystemCommand, Button:=79 |
| <i>If V_Control = 0:</i> |
| Zweiwerte Teach |
| V_SystemCommand, Button:=67 |
| V_SystemCommand, Button:=68 |
| V_SystemCommand, Button:=64 |
| V_SystemCommand, Button:=79 |

| |
|-------------------------|
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| Beobachten |
| V_ProcessDataInput.1 % |
| V_ProcessDataInput.2 |
| V_ProcessDataInput.3 |

| |
|-----------------------|
| Diagnosis Menu |
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| |
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| V_ProcessDataLimits.max % |
| V_SystemCommand, Button:=163 |

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