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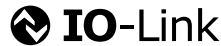
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Please note the validity of the additional operating instructions for automation functions

ENGLISH

1. Physical layer

SIO Modus	yes
Min Cycle Time	10400 µs
Baudrate	COM2
Process Data Length	8 Bit

2. Process data

Record: 1 Byte	
Bitoffset	1 0
Byte 0	7 6 5 4 3 2 1 0
Subindex	Boolean 2 Boolean 1

3. Service data

IO-Link specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
0 (0x00)	Direct Parameters 1	Record	16 Byte	rw			
5 (0x05)	IO-Link Version ID	Bit (88)	8 Bit	ro	16		
8 (0x08)	Vendor ID 1	Bit (64)	8 Bit	ro		0x00 Byte1 VendorID (hex)(MSB)	
9 (0x09)	Vendor ID 2	Bit (56)	8 Bit	ro		0x1A Byte2 VendorID (hex)(LSB)	
10 (0x0A)	Device ID 1	Bit (48)	8 Bit	ro		Byte1 PartNo. (hex)(MSB)	
11 (0x0B)	Device ID 2	Bit (40)	8 Bit	ro		Byte2 PartNo. (hex)	
12 (0x0C)	Device ID 3	Bit (32)	8 Bit	ro		Byte3 PartNo. (hex)(LSB)	

Vendor specific direct parameters							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
1 (0x01)	DPP2	Record	16 Byte	rw			
1 (0x01) Bit (0)	Output function	Bit (120)	1 Bit	rw		true = normally open false = normally closed	
1 (0x01) Bit (1)	Delay mode	Bit (121)	2 Bit	rw		0 = NO DELAY 1 = T-OFF DELAY 2 = T-ON DELAY 3 = T-on/T-off DELAY	
1 (0x01) Bit (3)	Delay timer time base	Bit (123)	2 Bit	rw		0 = 0,1 ms 1 = 0,4 ms 2 = 1,6 ms 3 = 6,4 ms	
2 (0x02) Bit (0)	Time base multiplier	Bit (112)	8 Bit	rw		Time base multiplier for the delay timer timebase. Example: 100 with time base 1 (0,4 ms) sets delay timer to 40 ms.	
3 (0x03) Bit (0)	Detection counter LSB	Bit (104)	8 Bit	rw		LSB value of the 16-bit detection counter. An LSB READ refreshes the MSB value. Any WRITE operation in LSB resets the counter to 0. (Volatile memory)	
4 (0x04) Bit (0)	Detection counter MSB	Bit (96)	8 Bit	ro		MSB value of the 16-bit counter value. Example: counter value=MSB value*256 + LSB value (Volatile memory)	

Events			
Code dec (hex)	Name	Type	Remark [Unit]
65408 (0xFF80)	Device error	Error	Sensor failure

¹ro = read only (nur lesen), wo = write only (nur schreiben), rw = read/write (lesen/schreiben)

DEUTSCH

1. Physikalische Schicht

SIO Modus	ja
Min. Zykluszeit	10400 µs
Baudrate	COM2
Prozessdatenlänge	8 Bit

2. Prozessdaten

Record: 1 Byte	
Bitoffset	1 0
Byte 0	7 6 5 4 3 2 1 0
Subindex	Boolean 2 Boolean 1

3. Servicedaten

IO-Link spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff ¹	Standard Wert	Wertebereich	Bemerkung [Einheit]
0 (0x00)	Direkte Parameter 1	Record	16 Byte	rw			
5 (0x05)	IO-Link Versions-ID	Bit (88)	8 Bit	ro	16		
8 (0x08)	Hersteller-ID 1	Bit (64)	8 Bit	ro		0x00 Byte1 Hersteller-ID (hex)(MSB)	
9 (0x09)	Hersteller-ID 2	Bit (56)	8 Bit	ro		0x1A Byte2 Hersteller-ID (hex)(LSB)	
10 (0x0A)	Geräte-ID 1	Bit (48)	8 Bit	ro		Byte1 Artikelnr. (hex)(MSB)	
11 (0x0B)	Geräte-ID 2	Bit (40)	8 Bit	ro		Byte2 Artikelnr. (hex)	
12 (0x0C)	Geräte-ID 3	Bit (32)	8 Bit	ro		Byte3 Artikelnr. (hex)(LSB)	

Herstellerspezifische direkte Parameter							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff ¹	Standard Wert	Wertebereich	Bemerkung [Einheit]
1 (0x01)	DPP2	Record	16 Byte	rw			
1 (0x01) Bit (0)	Ausgangsfunktion	Bit (120)	1 Bit	rw		true = Schliesser false = Öffner	
1 (0x01) Bit (1)	Schaltverzögerungs-Modus	Bit (121)	2 Bit	rw		0 = NO DELAY 1 = T-OFF DELAY 2 = T-ON DELAY 3 = T-on/T-off DELAY	
1 (0x01) Bit (3)	Schaltverzögerungs-Zeitbasis	Bit (123)	2 Bit	rw		0 = 0,1 ms 1 = 0,4 ms 2 = 1,6 ms 3 = 6,4 ms	
2 (0x02) Bit (0)	Schaltverzögerungs-Multiplikator	Bit (112)	8 Bit	rw		Zeitbasis für den Multiplikator der Schaltverzögerung. Beispiel: 100 mit Zeitbasis 2 (0,4 ms) ergibt Schaltverzögerung 40 ms.	
3 (0x03) Bit (0)	Erfassungszähler LSB	Bit (104)	8 Bit	rw		LSB Wert des 16-Bit Erfassungszählers. Ein LSB Lesezugriff aktualisiert den MSB Wert. Ein LSB Schreibzugriff setzt den Zähler auf 0. (Flüchtiger Speicher)	
4 (0x04) Bit (0)	Erfassungszähler MSB	Bit (96)	8 Bit	ro		MSB Wert des 16-Bit Erfassungszählers. Beispiel: Erfassungswert = MSB Wert*256 + LSB Wert (Flüchtiger Speicher)	

Events			
Code dez (hex)	Name	Typ	Bemerkung [Einheit]
65408 (0xFF80)	Gerätefehler	Error	Sensorfehler