



8015193 0812

MPA
4108861723
9179730

Australia Phone +61 3 9457 0600	Österreich Phone +43 (0)22 36 62 28 8-0
Belgium/Luxembourg Phone +32 (0)2 486 55 66	Norge Phone +47 67 81 50 00
Brazil Phone +55 11 3215-4900	Polska Phone +48 22 837 40 50
Canada Phone +1 (952) 941-6780	Russland Phone +7 495 775 05 30
Ceska Republika Phone +420 2 57 91 18 50	Slovenija Phone +386 (0)1 47 69 990
China Phone +852 2763 5966	South Korea Phone +82 2 786 6321/4
Denmark Phone +45 45 62 64 00	Singapore Phone +65 10 110 10 00
Deutschland Phone +49 211 5301 301	Sri Lanka Phone +91 22 4033 8333
España Phone +34 93 480 31 00	Taiwan Phone +886 2 2375 6288
France Phone +33 1 64 62 35 00	Thailand Phone +90 (216) 528 50 00
Great Britain Phone +44 (0)1727 831121	United Arab Emirates Phone +971 (0) 4 8965 878
India Phone +91 22 4033 8333	USA/Mexico Phone +1 (952) 941 6780
Israel Phone +972 4 6801000	
Italia Phone +39 02 27 43 41	
Japan Phone +81 (0)3 3358 1341	
Magyarország Phone +36 1 371 2680	
Niederlande Phone +31 (0)30 229 25 44	

SICK AG, Erwin-Sick-Strasse 1, D-79183 Waldkirch

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.comMore representatives and agencies at www.sick.com - Subject to change without notice - The specified product features and technical data do not represent any guarantee.Weitere Niederlassungen finden Sie unter www.sick.com - Irrtümer und Änderungen vorbehalten - Angegebene Produkteigenschaften und technische Daten stellen keine Garantieerklärung dar.Plus de représentations et d'agences à l'adresse www.sick.com - Sujet à modification sans préavis - Les caractéristiques de produit et techniques indiquées ne constituent pas de déclaration de garantie.Para mais representantes e agências, consulte www.sick.com - Alterações poderão ser feitas sem prévio aviso - As características do produto e os dados técnicos apresentados não constituem declaração de garantia. Fiene representantur og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De angivne produktdata og tekniske data udgør ikke nogen garantierklæring.Altri rappresentanti ed agenzie si trovano su www.sick.com - Contenuti soggetti a modifiche senza preavviso - Le caratteristiche del prodotto e i dati tecnici non rappresentano una dichiarazione di garanzia.Meer vestigingen en vertegenwoordigingen vindt u op www.sick.com - Wijzigingen en correcties voorbehouden - Angegeven producteigenschappen en technische gegevens vormen geen garantieverklaring.Más representantes y agencias en www.sick.com - Sujeto a cambio sin previo aviso - Las características y los datos técnicos especificados no constituyen ninguna declaración de garantía.欲了解更多代表机构和代理商信息, 请登录 www.sick.com. 如有更改, 不另行通知. 对所给出的产品特性和技术参数 的正确性不予保证. .

ENGLISCH

1. Physical layer

SIO Modus	no
Min Cycle Time	2300 µs
Baudrate	COM2
Process Data Length	16 Bit

2. Process data

Record -> ProcessDataIn: 2 Byte

Bitoffset																		
Byte 0	Position (integer place)				reserved				reserved				reserved					
Subindex	Unsigned Integer				Boolean				Boolean				Boolean					
Bitoffset							4			3			2		1		0	
Byte 1	Position (integer place)							Position (decimal place)			reserved		reserved		reserved		reserved	
Subindex	Unsigned Integer							Unsigned Integer			Boolean		Boolean		Boolean		Boolean	

3. Service data

IO-Link specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Range	Remark
0 (0x00)	Direct Parameters 1	Record	16 Byte	ro			
1 (0x01)	Direct Parameters 2	Record	16 Byte	rw			
16 (0x10)	Vendor Name	String	16 Byte	ro			
17 (0x11)	Vendor Text	String	64 Byte	ro			
18 (0x12)	Product Name	String	16 Byte	ro			
19 (0x13)	Product ID	String	64 Byte	ro			
20 (0x14)	Product Text	String	64 Byte	ro			
21 (0x15)	Serial Number	String	8 Byte	ro			
22 (0x16)	Hardware Version	String	5 Byte	ro			
23 (0x17)	Firmware Version	String	5 Byte	ro			
24 (0x18)	Application Specific Name	String	16 Byte	rw			
40 (0x28)	Process Data Input	PD In	2 Byte	ro			

System command					
Index dec (hex)		Access ¹	Value		Remark
2 (0x02)	System Command	wo	160	Teach_MeasuringRangeStart	
			161	Teach_MeasuringRangeEnd	
			162	Reset_MeasuringRange	

DEUTSCH

1. Physikalische Schicht

SIO Modus	nein
Min. Zykluszeit	2300 µs
Baudrate	COM2
Prozessdatenlänge	16 Bit

2. Prozessdaten

Record -> ProcessDataIn: 2 Byte

Bitoffset																		
Byte 0	Position (Vorkomma-Stelle)				reserved				reserved				reserved					
Subindex	Unsigned Integer				Boolean				Boolean				Boolean					
Bitoffset							4			3			2		1		0	
Byte 1	Position (Vorkomma-Stelle)							Position (Nachkomma-Stelle)			reserved		reserved		reserved		reserved	
Subindex	Unsigned Integer							Unsigned Integer			Boolean		Boolean		Boolean		Boolean	

3. Servicedaten

IO-Link spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff ¹	Standard Wert	Wertebereich	Bemerkung
0 (0x00)	Direkte Parameter 1	Record	16 Byte	ro			
1 (0x01)	Direkte Parameter 2	Record	16 Byte	rw			
16 (0x10)	Herstellername	String	16 Byte	ro			
17 (0x11)	Herstellertext	String	64 Byte	ro			
18 (0x12)	Produktname	String	16 Byte	ro			
19 (0x13)	Produkt-ID	String	64 Byte	ro			
20 (0x14)	Produkttext	String	64 Byte	ro			
21 (0x15)	Seriennummer	String	8 Byte	ro			
22 (0x16)	Hardwareversion	String	5 Byte	ro			
23 (0x17)	Firmwareversion	String	5 Byte	ro			
24 (0x18)	Anwendungsspezifischer Name	String	16 Byte	rw			
40 (0x28)	Prozessdaten Eingang	PD In	2 Byte	ro			

Systemkommando					
Index dez (hex)		Zugriff ¹	Wert		Bemerkung
2 (0x02)	Systemkommando	wo	160	Teach_MessbereichAnfang	
			161	Teach_MessbereichEnde	
			162	Reset_Messbereich	