



8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

Australia Phone +61 3 9467 0800	Belgium/Luxembourg Phone +32 (0)2 468 35 66	Denmark Phone +45 45 82 64 00	France Phone +33 1 64 62 39 00	Germany Phone +49 22 837 40 50	India Phone +91 22 4033 8333	Italy Phone +39 02 27 43 41	Japan Phone +81 (0)3 5309 2112	USA/Mexico Phone +1 (930) 229 25 44
Canada Phone +1 905 771 14 44	China Phone +86 4000 121 000	Spain Phone +34 93 480 31 00	Great Britain Phone +44 (0)1727 83121	Poland Phone +48 22 837 40 50	South Korea Phone +82 2 786 6321/4	Sweden Phone +46 10 110 10 00	Taiwan Phone +886 2 2375 4288	USA/Mexico Phone +1 (930) 229 25 44
Finland Phone +35 9 2553 6300	Denmark Phone +45 45 82 64 00	Germany Phone +49 22 837 40 50	India Phone +91 22 4033 8333	Italy Phone +39 02 27 43 41	Japan Phone +81 (0)3 5309 2112	USA/Mexico Phone +1 (930) 229 25 44		

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

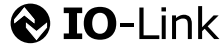
Flere representanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De arftratte produktetsklaber og tekniske data udgør ikke nogen garantierklæring.

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 correcties voorbehouden - Aangegeven producteigenschaften en technische gegevens vormen geen garantieverklaring.

Más representantes y agencias en www.sick.com - Sujeto a cambio sin preaviso - 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。



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

1. Physical layer

Note: The IO-Link Device's max. current consumption (inclusive load current) shall not exceed the master port's max. output power current.

SIO Modus	yes
Min Cycle Time	1.0 ms
Baudrate ²	COM3
Process Data Length (IN)	4 Byte
IODD version	V1.02
Valid for IO-Link version	1.1.0

2. Process data

Record: 4 Byte

Bitoffset																	
Byte 0	Position	31	30	29	28	27	26	25	24								
Type/Subindex	Integer 16																
Bitoffset																	
Byte 1	Position	23	22	21	20	19	18	17	16								
Type/Subindex	Integer 16																
Bitoffset																	
Byte 2	Quint.16	15	14	13	12	11	10	9	8	Quint.15	14	13	12	11	10	9	8
Type/Subindex	Boolean	16	Boolean	15	Boolean	14	Boolean	13	Boolean	12	Boolean	11	Boolean	10	Boolean	9	Boolean
Bitoffset																	
Byte 3	Quint.8	7	6	5	4	3	2	1	0	Quint.7	6	5	4	3	2	1	0
Type/Subindex	Boolean	8	Boolean	7	Boolean	6	Boolean	5	Boolean	4	Boolean	3	Boolean	2	Boolean	1	Boolean

3. Service data

The following ISDUs will not be saved via Data-Storage: Teach-in Channel and Device Specific Name

IO-Link specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
12 (0x0C)	Device Access Locks	Record	2 Byte	rw			
1 (0x01)	Parameter (write) Access Lock	Bit (0)	1 Bit	rw			
2 (0x02)	Data Storage Lock	Bit (1)	1 Bit	rw			
3 (0x03)	Local Parameterization Lock	Bit (2)	1 Bit	rw			
4 (0x04)	Local User Interface Lock	Bit (3)	1 Bit	rw			
16 (0x10)	Vendor Name	String	64 Byte	ro	SICK AG		
17 (0x11)	Vendor Text	String	64 Byte	ro	www.sick.com		
18 (0x12)	Product Name	String	64 Byte	ro	MPS-G		
19 (0x13)	Product ID	String	64 Byte	ro			
20 (0x14)	Product Text	String	64 Byte	ro			
21 (0x15)	Serial Number	String	16 Byte	ro			
22 (0x16)	Hardware Version	String	64 Byte	ro			
23 (0x17)	Firmware Version	String	64 Byte	ro			
24 (0x18)	Application Specific Tag	String	32 Byte	rw	***		
36 (0x24)	Device Status	UInt	8 Bit	ro		0 = Device is OK 1 = Maintenance required 2 = Out of specification 3 = Functional check 4 = Failure 5...255 = Reserved	
40 (0x28)	Process Data Input	PD In	4 Byte	ro			
SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
13 (0x0D)	Profile Characteristic	Record	10 Byte	ro			
1 (0x01)	Profile Identifier	Bit (64)	16 Bit	ro	1		
2 (0x02)	Profile Identifier	Bit (48)	16 Bit	ro	32768		
3 (0x03)	Profile Identifier	Bit (32)	16 Bit	ro	32769		

¹ ro = read only, wo = write only, rw = read/write

² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)



8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

Australia Phone +61 3 9457 0800	Osterreich Phone +43 (0)22 36 62 28 8-0
Belgium/Luxembourg Phone +32 (0)2 468 55 66	Norge Phone +47 67 61 51 50 00
Brazil Phone +55 11 5215-4900	Polka Phone +48 22 837 40 50
Canada Phone +1 905 771 14 44	Romania Phone +40 356 171 120
China Phone +86 4000 121 000 +852 2353 6300	Russia Phone +7 495 775 09 30
Denmark Phone +45 45 82 64 00	Schweiz Phone +41 41 619 29 39
Deutschland Phone +49 211 5361 301	Schweden Phone +46 744 3732
España Phone +34 93 480 31 00	South Africa Phone +27 11 472 3733
France Phone +33 1 64 62 39 00	South Korea Phone +82 2 786 6321/4
Great Britain Phone +44 (0)1727 83121	Spain Phone +358 9 25 15 800
India Phone +91 22 4033 8333	Sverige Phone +46 10 110 10 00
Israel Phone +972 4 6801000	Taiwan Phone +886 2 2375 6288
Italy Phone +39 02 27 43 41 41	Türkiye Phone +90 (216) 538 50 00
Japan Phone +81 (03) 5309 2112	United Arab Emirates Phone +971 (0) 4 5865 878
Magnetsveiz Phone +36 1 371 2680	USA/Mexico Phone +1 950 941 61780
Niederland Phone +31 (0)30 229 25 44	

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

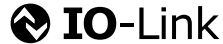
Flere repræsentanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De angivne produktdata og tekniske data udgør ikke nogen garantierklæring.

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 correcties voorbehouden - Aangegeven 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。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
4 (0x04)	Profile Identifier	Bit (16)	16 Bit	ro	32770		
5 (0x05)	Profile Identifier	Bit (0)	16 Bit	ro	32772		
14 (0x0E)	PDInputDescriptor	Record	6 Byte	ro	PDInputDescriptor		
15 (0x0F)	PDOOutputDescriptor	Record	3 Byte	ro	PDOOutputDescriptor		
58 (0x3A)	Teach-in Channel	UInt	8 Bit	rw	0	0 = Default Quint (Quint.1) 1 = Quint.1 2 = Quint.2 3 = Quint.3 4 = Quint.4 5 = Quint.5 6 = Quint.6 7 = Quint.7 8 = Quint.8 9 = Quint.9 10 = Quint.10 11 = Quint.11 12 = Quint.12 13 = Quint.13 14 = Quint.14 15 = Quint.15 16 = Quint.16	The Quint channel that is going to be teachd
59 (0x3B)	Teach-in State	Record	1 Byte	ro	Teach-in result provides feedback on the status and the results of the teach-in activities		
1 (0x01)	State	Bit (0)	4 Bit	ro	0	0 = IDLE 1 = SP1 SUCCESS 2 = SP2 SUCCESS 3 = SP12 SUCCESS 4 = WAIT FOR COMMAND 5 = BUSY 7 = ERROR	
2 (0x02)	Flag SP1 TP1	Bit (4)	1 Bit	ro	false	true false	
3 (0x03)	Flag SP1 TP2	Bit (7)	1 Bit	ro	false	true false	
4 (0x04)	Flag SP2 TP1	Bit (6)	1 Bit	ro	false	true false	
5 (0x05)	Flag SP2 TP2	Bit (5)	1 Bit	ro	false	true false	
60 (0x3C)	Quint.1 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
61 (0x3D)	Quint.1 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode 130 = Move 131 = Grip	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
62 (0x3E)	Quint.2 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
63 (0x3F)	Quint.2 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode 130 = Move 131 = Grip	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
64 (0x40)	Device Specific Name	String	32 Byte	rw	***		
120 (0x78)	Process Data Select	UInt	8 Bit	rw	0	0 = Position (2 Bytes) + 16xBDC (2 Bytes)	
121 (0x79)	Pin 2 Configuration	UInt	8 Bit	rw	0	0 = Deactivated 36 = Quint.2	

¹ ro = read only, wo = write only, rw = read/write

² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

SICK

8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

Australia Phone +61 3 9457 0800	Osterreich Phone +43 (0)22 36 62 28 8-0
Belgium/Luxembourg Phone +32 (0)2 468 35 66	Norge Phone +47 67 61 50 00
Brasil Phone +55 11 3215-4900	Polka Phone +48 22 837 40 50
Canada Phone +1 905 771 14 44	România Phone +40 356 171 120
China (People's Rep.) Phone +86 400 121 000 +852 2153 6300	Russia Phone +7 495 775 09 30
Denmark Phone +45 45 82 64 00	Schweiz Phone +41 41 619 29 39
Deutschland Phone +49 211 5301 301	Singapore Phone +65 6744 3732
España Phone +34 93 480 31 00	South Africa Phone +27 11 472 3733
France Phone +33 1 64 62 35 00	South Korea Phone +82 2 786 6321/4
Great Britain Phone +44 (0)1727 831121	Spain Phone +358 9 25 15 800
India Phone +91 22 4033 8333	Sweden Phone +46 10 110 10 00
Israel Phone +972 4 6801000	Taiwan Phone +886 2 2375 4288
Italia Phone +39 02 27 43 41	Türkiye Phone +90 (216) 538 50 00
Japan Phone +81 (03) 5309 2112	United Arab Emirates Phone +971 (0) 4 5565 878
Magnetsville Phone +36 1 371 2680	USA/Mexico Phone +1 952 941 6780
Niederland Phone +31 (0)30 229 25 44	

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

Flere repræsentanter 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 correcties voorbehouden - Wijzigingen en correcties voorbehouden - Aangegeven 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。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
170 (0xAA)	Switchpoint Width [x10µm]	Record	32 Byte	rw		Switchpoint width	
1 (0x01)	Qint.1 Width	Bit (240)	16 Bit	rw	200	0...1000	
2 (0x02)	Qint.2 Width	Bit (224)	16 Bit	rw	200	0...1000	
3 (0x03)	Qint.3 Width	Bit (208)	16 Bit	rw	200	0...1000	
4 (0x04)	Qint.4 Width	Bit (192)	16 Bit	rw	200	0...1000	
5 (0x05)	Qint.5 Width	Bit (176)	16 Bit	rw	200	0...1000	
6 (0x06)	Qint.6 Width	Bit (160)	16 Bit	rw	200	0...1000	
7 (0x07)	Qint.7 Width	Bit (144)	16 Bit	rw	200	0...1000	
8 (0x08)	Qint.8 Width	Bit (128)	16 Bit	rw	200	0...1000	
9 (0x09)	Qint.9 Width	Bit (112)	16 Bit	rw	200	0...1000	
10 (0x0A)	Qint.10 Width	Bit (96)	16 Bit	rw	200	0...1000	
11 (0x0B)	Qint.11 Width	Bit (80)	16 Bit	rw	200	0...1000	
12 (0x0C)	Qint.12 Width	Bit (64)	16 Bit	rw	200	0...1000	
13 (0x0D)	Qint.13 Width	Bit (48)	16 Bit	rw	200	0...1000	
14 (0x0E)	Qint.14 Width	Bit (32)	16 Bit	rw	200	0...1000	
15 (0x0F)	Qint.15 Width	Bit (16)	16 Bit	rw	200	0...1000	
16 (0x10)	Qint.16 Width	Bit (0)	16 Bit	rw	200	0...1000	
171 (0xAB)	Switchpoint Tolerance [x10µm]	Record	6 Byte	rw		Switchpoint tolerance	
1 (0x01)	Qint.1 Tolerance	Bit (32)	16 Bit	rw	100		
2 (0x02)	Qint.2 Tolerance	Bit (16)	16 Bit	rw	100		
3 (0x03)	Qint.3 Tolerance	Bit (0)	16 Bit	rw	100		
204 (0xCC)	Find Me	UInt	8 Bit	wo	0		0 = Stop FindMe 1 = LED flash
256 (0x100)	Position [x10µm]	Int	16 Bit	ro		Current position [x10µm]	
257 (0x101)	Position Offset [x10µm]	Int	16 Bit	rw	0		Offset that is added to the current position [x10µm]
261 (0x105)	Current Position Repeatability [mm]	Float	4 Byte	ro			
4352 (0x1100)	Temperature [°C]	Record	5 Byte	ro			
1 (0x01)	Current Temperature	Bit (32)	8 Bit	ro			
2 (0x02)	Max Temperature All Time	Bit (24)	8 Bit	ro			
3 (0x03)	Min Temperature All Time	Bit (16)	8 Bit	ro			
4 (0x04)	Max Temperature Since Last Reset	Bit (8)	8 Bit	ro			
5 (0x05)	Min Temperature Since Last Reset	Bit (0)	8 Bit	ro			
4372 (0x1114)	Actuator Travel [x10µm]	UInt	16 Bit	ro			
4374 (0x1116)	Total Actuator Travel [sum m]	Float	4 Byte	rw			
4375 (0x1117)	Average Actuator Velocity [m/s]	Record	8 Byte	ro			
1 (0x01)	Extend (positive direction)	Bit (32)	4 Byte	ro			
2 (0x02)	Retract (negative direction)	Bit (0)	4 Byte	ro			
4379 (0x111B)	Actuator Travel Time [ms]	Record	8 Byte	ro			
1 (0x01)	Extend (positive direction)	Bit (32)	4 Byte	ro			
2 (0x02)	Retract (negative direction)	Bit (0)	4 Byte	ro			
4380 (0x111C)	Cycle Time [ms]	Float	4 Byte	ro			
4381 (0x111D)	Dwell Time [ms]	Record	8 Byte	ro			
1 (0x01)	Start Position	Bit (32)	4 Byte	ro			
2 (0x02)	Stop Position	Bit (0)	4 Byte	ro			
4382 (0x111E)	Cycle Count [sum]	UInt	32 Bit	rw			
4411 (0x113B)	Maximum Acceleration [x0.01g]	Record	6 Byte	ro		Maximum acceleration since last reset [x0.01g]. Maximum acceleration can be reset using standard command 160.	
1 (0x01)	X	Bit (32)	16 Bit	ro		X-Axis	

¹ ro = read only, wo = write only, rw = read/write

² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

SICK

8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

<p>Australia Phone +61 3 9457 0800</p> <p>Belgium/Luxembourg Phone +32 (0)2 468 55 66</p> <p>Brazil Phone +55 11 5215-4900</p> <p>Canada Phone +1 905 771 14 44</p> <p>China (People's Republic) Phone +86 4000 121 000 +852 2353 6300</p> <p>Danmark Phone +45 45 82 64 00</p> <p>Deutschland Phone +49 211 5301 301</p> <p>España Phone +34 93 480 31 00</p> <p>France Phone +33 1 64 62 35 00</p> <p>Great Britain Phone +44 (0)1727 831121</p> <p>India Phone +91-22-4033 8333</p> <p>Israel Phone +972-4-6801000</p> <p>Italia Phone +39 02 27 43 41</p> <p>Japan Phone +81 (03) 5309 2112</p> <p>Magnesium Phone +36 1 371 2680</p> <p>Niederland Phone +31 (0)30 229 25 44</p> <p>SICK AG, Erwin-Sick-Strasse 1, D 79183 Waldkirch</p>	<p>Osterreich Phone +43 (0)22 36 62 28 80</p> <p>Norge Phone +47 67 61 50 00</p> <p>Polka Phone +48 22 837 40 50</p> <p>România Phone +40 356 171 120</p> <p>Russia Phone +7 495 775 05 30</p> <p>Schweiz Phone +41 41 619 29 39</p> <p>Singapore Phone +65 6744 3732</p> <p>Sveits Phone +386 (0)147 69 990</p> <p>South Korea Phone +82 2 786 6321/4</p> <p>Suomi Phone +358 9 25 15 800</p> <p>Sverige Phone +46 10 110 10 00</p> <p>Taiwan Phone +886 2 2375-6288</p> <p>Türkiye Phone +90 (216) 538 50 00</p> <p>United Arab Emirates Phone +971 (0)4 5855 878</p> <p>USA/Mexico Phone +1 952 941 6780</p>
---	--

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

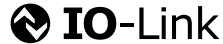
Flere repræsentanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De arfærte produktgenskaber og tekniske data udgår ikke nogen garantierklæring.

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 correcties voorbehouden - Aangegeven producteigenschaften 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。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
2 (0x02)	Y	Bit (16)	16 Bit	ro	Y-Axis		
3 (0x03)	Z	Bit (0)	16 Bit	ro	Z-Axis		
4455 (0x1167)	Orientation Euler Angles (Current) [x0.1mrad]	Record	6 Byte	ro			
1 (0x01)	Roll	Bit (32)	16 Bit	ro	Roll value		
2 (0x02)	Pitch	Bit (16)	16 Bit	ro	Pitch value		
3 (0x03)	Yaw	Bit (0)	16 Bit	ro	Yaw value		
4466 (0x1172)	Main Orientation	Int	8 Bit	ro	-3 = Z-Axis negative -2 = Y-Axis negative -1 = X-Axis negative 1 = X-Axis positive 2 = Y-Axis positive 3 = Z-Axis positive	Axis that represents the main orientation	
4467 (0x1173)	Reference Axis Settings	Record	1 Byte	rw	Set axis that is used as reference axis. Current main orientation can be set as reference axis using standard command 161.		
1 (0x01)	Reference Axis	Bit (0)	8 Bit	rw	3	-3 = Z-Axis negative -2 = Y-Axis negative -1 = X-Axis negative 1 = X-Axis positive 2 = Y-Axis positive 3 = Z-Axis positive	
4477 (0x117D)	Statistical Signal Parameters - Settings	Record	2 Byte	rw			
1 (0x01)	Block Length	Bit (0)	16 Bit	rw	1024	128 = Samples: 128 256 = Samples: 256 512 = Samples: 512 1024 = Samples: 1024 2048 = Samples: 2048	Number of samples used for calculation of statistical signal parameters
4483 (0x1183)	Statistical Signal Parameters - RMS (Current) [g]	Record	12 Byte	ro			
1 (0x01)	X	Bit (64)	4 Byte	ro	X-Axis		
2 (0x02)	Y	Bit (32)	4 Byte	ro	Y-Axis		
3 (0x03)	Z	Bit (0)	4 Byte	ro	Z-Axis		
4495 (0x118F)	Statistical Signal Parameters - Kurtosis (Current)	Record	12 Byte	ro			
1 (0x01)	X	Bit (64)	4 Byte	ro	X-Axis		
2 (0x02)	Y	Bit (32)	4 Byte	ro	Y-Axis		
3 (0x03)	Z	Bit (0)	4 Byte	ro	Z-Axis		
4507 (0x119B)	Statistical Signal Parameters - Impulse Factor (Current)	Record	12 Byte	ro			
1 (0x01)	X	Bit (64)	4 Byte	ro	X-Axis		
2 (0x02)	Y	Bit (32)	4 Byte	ro	Y-Axis		
3 (0x03)	Z	Bit (0)	4 Byte	ro	Z-Axis		
4602 (0x11FA)	Current Field Strength [mT]	Record	8 Byte	ro			
1 (0x01)	Current1	Bit (32)	4 Byte	ro	Magnetic field strength of TMR 1		
2 (0x02)	Current2	Bit (0)	4 Byte	ro	Magnetic field strength of TMR2		
4604 (0x11FC)	Peak Field Strength [mT]	Record	8 Byte	ro			
1 (0x01)	Current1	Bit (32)	4 Byte	ro	Magnetic field strength of TMR 1		
2 (0x02)	Current2	Bit (0)	4 Byte	ro	Magnetic field strength of TMR2		
14905 (0x3A39)	Platform Version	String	32 Byte	ro	Platform Version		
14908 (0x3A3C)	Sensor Head Firmware Version	String	32 Byte	ro	Sensor Head Firmware Version		
16384 (0x4000)	Qint.3 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16385 (0x4001)	Qint.3 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode 131 = Grip	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16386 (0x4002)	Qint.4 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	

¹ ro = read only, wo = write only, rw = read/write

² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)



8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

<p>Australia Phone +61 3 9457 0800</p> <p>Belgium/Luxembourg Phone +32 (0)2 468 55 66</p> <p>Brazil Phone +55 11 5215-9900</p> <p>Canada Phone +1 905 771 14 44</p> <p>China Phone +86 4000 121 000 +852 2353 6300</p> <p>Danmark Phone +45 45 82 64 00</p> <p>Deutschland Phone +49 211 5301 301</p> <p>España Phone +34 93 480 31 00</p> <p>France Phone +33 1 64 62 35 00</p> <p>Great Britain Phone +44 (0)1727 831121</p> <p>India Phone +91 22 4033 8333</p> <p>Israel Phone +972 4 6801000</p> <p>Italy Phone +39 02 27 43 41</p> <p>Japan Phone +81 (0)3 5309 2112</p> <p>Magyarország Phone +36 1 271 2680</p> <p>Nedertland Phone +31 (0)30 229 25 44</p> <p>SICK AG, Erwin-Sick-Strasse 1, D 79183 Waldkirch</p>	<p>Osterreich Phone +43 (0)22 36 62 28 80</p> <p>Norge Phone +47 67 61 50 00</p> <p>Polska Phone +48 22 837 40 50</p> <p>România Phone +40 356 171 120</p> <p>Russia Phone +7 495 775 09 30</p> <p>Schweden Phone +46 18 619 29 39</p> <p>Sveits Phone +41 41 619 29 39</p> <p>Singapore Phone +65 6744 3732</p> <p>Sveizlari Phone +386 (0)1 47 69 990</p> <p>Sveizlari Phone +41 41 619 29 39</p> <p>South Korea Phone +82 2 786 6321/4</p> <p>Suomi Phone +358 9 25 15 800</p> <p>Sverige Phone +46 10 110 10 00</p> <p>Taiwan Phone +886 2 2375 6288</p> <p>Türkiye Phone +90 (216) 538 50 00</p> <p>United Arab Emirates Phone +971 (0)4 5855 878</p> <p>USA/Mexico Phone +1 2952 941 6780</p>
---	--

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

Flere repræsentanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De aftrykte produkttegninger 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 correcties voorbehouden - Aangegeven 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。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16387 (0x4003)	Qint.4 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16388 (0x4004)	Qint.5 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16389 (0x4005)	Qint.5 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16390 (0x4006)	Qint.6 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16391 (0x4007)	Qint.6 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16392 (0x4008)	Qint.7 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16393 (0x4009)	Qint.7 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16394 (0x400A)	Qint.8 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16395 (0x400B)	Qint.8 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16396 (0x400C)	Qint.9 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16397 (0x400D)	Qint.9 Configuration	Record	4 Byte	rw			

¹ ro = read only, wo = write only, rw = read/write
² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)



8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

<p>Australia Phone +61 3 9457 0800</p> <p>Belgium/Luxembourg Phone +32 (0)2 468 55 66</p> <p>Brazil Phone +55 11 5215-9900</p> <p>Canada Phone +1 905 771 14 44</p> <p>China Phone +86 4000 121 000 +852 2353 6300</p> <p>Danmark Phone +45 45 82 64 00</p> <p>Deutschland Phone +49 211 5301 301</p> <p>España Phone +34 93 480 31 00</p> <p>France Phone +33 1 64 62 39 00</p> <p>Great Britain Phone +44 (0)1727 831211</p> <p>India Phone +91-22-4033 8333</p> <p>Israel Phone +972-4-6801000</p> <p>Italia Phone +39 02 27 43 41</p> <p>Japan Phone +81 (03) 5309 2112</p> <p>Mexico Phone +52 5 371 2680</p> <p>Niederland Phone +31 (0)30 229 25 44</p> <p>SICK AG, Erwin-Sick-Strasse 1, D-79183 Waldkirch</p>	<p>Osterreich Phone +43 (0)32 36 62 28 8-0</p> <p>Norge Phone +47 67 61 50 00</p> <p>Polska Phone +48 22 837 40 50</p> <p>România Phone +40 356 171 120</p> <p>Russia Phone +7 495 775 09 30</p> <p>Schweden Phone +41 41 619 29 39</p> <p>Sveits Phone +43 67 44 3732</p> <p>Sveiz Phone +386 (0)1 47 69 990</p> <p>Sveiz Phone +27 11 472 3733</p> <p>South Korea Phone +82 2 786 6321/4</p> <p>Suomi Phone +358 9 25 15 800</p> <p>Sverige Phone +46 10 110 10 00</p> <p>Taiwan Phone +886 2 2375 6288</p> <p>Türkiye Phone +90 (216) 538 50 00</p> <p>United Arab Emirates Phone +971 (0)4 8865 878</p> <p>USA/Mexico Phone +1 2952 941 6780</p>
--	--

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

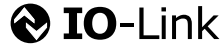
Flere repræsentanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De angivne produktdata og tekniske data udgør ikke nogen garanti erklæring.

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 - Aangegeven 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。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16398 (0x400E)	Qint.10 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16399 (0x400F)	Qint.10 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16400 (0x4010)	Qint.11 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16401 (0x4011)	Qint.11 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16402 (0x4012)	Qint.12 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16403 (0x4013)	Qint.12 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16404 (0x4014)	Qint.13 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16405 (0x4015)	Qint.13 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16406 (0x4016)	Qint.14 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16407 (0x4017)	Qint.14 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	

¹ ro = read only, wo = write only, rw = read/write
² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

SICK

8025820 0720
9326422 18KF
MPS-G
4268382655
9326421 18KF

<p>Australia Phone +61 3 9457 0800</p> <p>Belgium/Luxembourg Phone +32 (0)2 468 35 66</p> <p>Brazil Phone +55 11 5215-4900</p> <p>Canada Phone +1 905 771 14 44</p> <p>China Phone +86 4000 121 000 +852 2353 6300</p> <p>Danmark Phone +45 45 82 64 00</p> <p>Deutschland Phone +49 211 5361 301</p> <p>España Phone +34 93 480 31 00</p> <p>France Phone +33 1 64 62 39 00</p> <p>Great Britain Phone +44 (0)1727 831121</p> <p>India Phone +91-22-4033 8333</p> <p>Israel Phone +972-4-6801000</p> <p>Italia Phone +39 02 27 43 41</p> <p>Japan Phone +81 (03) 5309 2112</p> <p>Magyarország Phone +36 1 271 2680</p> <p>Nedertland Phone +31 (0)30 229 25 44</p> <p>SICK AG, Erwin-Sick-Strasse 1, D 79183 Waldkirch</p>	<p>Osterreich Phone +43 (0)22 36 62 28 8-0</p> <p>Norge Phone +47 67 61 50 00</p> <p>Polska Phone +48 22 837 40 50</p> <p>România Phone +40 356 171 120</p> <p>Russia Phone +7 495 775 05 30</p> <p>Schweiz Phone +41 41 619 29 39</p> <p>Sveits Phone +43 6744 3732</p> <p>Sveizija Phone +386 (0)147 69 990</p> <p>South Korea Phone +82 2 786 6321/4</p> <p>Suomi Phone +358 9 25 15 800</p> <p>Sverige Phone +46 10 110 10 00</p> <p>Taiwan Phone +886 2 2375 6288</p> <p>Türkiye Phone +90 (216) 538 50 00</p> <p>United Arab Emirates Phone +971 (0)4 5865 878</p> <p>USA/Mexico Phone +1 952 941 6780</p>
--	---

Please find detailed addresses and additional representatives and agencies in all major industrial nations at www.sick.com

More 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.

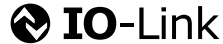
Flere repræsentanter og agenturer på www.sick.com - Med forbehold for ændringer og fejl - De angivne produkttegnelser og tekniske data udgør ikke nogen garantierklæring.

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 correcties voorbehouden - Aangegeven producteigenschaften 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正确性不予保证。



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

ENGLISH

SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access ¹	Default Value	Value / Range	Remark [Unit]
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16408 (0x4018)	Qint.15 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16409 (0x4019)	Qint.15 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
16410 (0x401A)	Qint.16 SP1 / SP2	Record	4 Byte	rw			
1 (0x01)	SP1	Bit (16)	16 Bit	rw	0	Setpoint 1	
2 (0x02)	SP2	Bit (0)	16 Bit	rw	0	Setpoint 2	
16411 (0x401B)	Qint.16 Configuration	Record	4 Byte	rw			
1 (0x01)	Switchpoint Logic	Bit (24)	8 Bit	rw	0	0 = Not inverted 1 = Inverted	
2 (0x02)	Switchpoint Mode	Bit (16)	8 Bit	rw	0	0 = Deactivated 1 = Single Point Mode 2 = Window Mode 3 = Two Point Mode 129 = Cylinder Switch Mode	
3 (0x03)	Switchpoint Hysteresis	Bit (0)	16 Bit	rw	70		
Standard command							
Index dec (hex)	Name	Access ¹	Value	Name	Remark [Unit]		
2 (0x02)	Standard Command	wo	65	SP1 Single Value Teach			
			66	SP2 Single Value Teach			
			75	Dynamic Teach Start			
			76	Dynamic Teach Stop			
			77	Dynamic Teach Apply			
			79	Teach Cancel			
			128	Device Reset			
			130	Restore Factory Settings			
			160	Maximum Acceleration Reset			
			161	Set Current Main Orientation as Reference Axis			

¹ ro = read only, wo = write only, rw = read/write
² COM values specify the bitrate (see IO-Link specification): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)