



8023086 0618

# T-Easic FTS

1069241060  
9282182 0618

Australia Phone +61 3 9467 0800  
Belgium/Luxembourg Phone +32 (0)2 468 55 66  
Brazil Phone +55 11 5215-4900  
Canada Phone +1 905 771 14 44  
China Phone +86 4000 121 000  
Denmark Phone +45 45 82 64 00  
Deutschland Phone +49 211 5301 301  
España Phone +34 93 480 31 00  
France Phone +33 1 64 62 39 00  
Great Britain Phone +44 (0)1727 831521  
India Phone +91-22-4033 8333  
Israel Phone +972-4-6801000  
Italy Phone +39 02 27 43 41  
Japan Phone +81 (03) 5309 2112  
Magyarország Phone +36 1 371 2680  
Niederland Phone +31 (0)30 229 25 44  
SICK AG, Erwin-Sick-Strasse 1, D-79183 Waldkirch

Osterreich Phone +43 (0)22 36 62 28 8-0  
Norge Phone +47 67 61 50 00  
Polska Phone +48 22 837 40 50  
Rumänia Phone +40 356 171 150  
Rusia Phone +7 495 775 09 30  
Schweiz Phone +41 619 29 39  
Sverige Phone +46 10 110 10 00  
Taiwan Phone +886-2-2375-0288  
Türkiye Phone +90 (216) 538 50 00  
United Arab Emirates Phone +971 (0)4 5865 878  
USA/Mexico Phone +1 (952) 941-6780

Please find detailed addresses and additional representatives and agencies in all major industrial nations at [www.sick.com](http://www.sick.com)

More representatives and agencies at [www.sick.com](http://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](http://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](http://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](http://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 agenter på [www.sick.com](http://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](http://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](http://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](http://www.sick.com) - 如有更改，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

### 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	5.0 ms
Baudrate <sup>2</sup>	COM3
Process Data Length (IN)	6 Byte
IODD version	V1.00
Valid for IO-Link version	1.1.0

### 2. Process data

Temperature in 0.1 °C  
Flowrate Unit depending on Index 440 Measurement Mode  
Velocity in 0.01m/s  
Volume in 0.1l/min  
Relative in 0.1%

Record: 6 Byte - Process Data In

Bitoffset									
Byte 0	Temperature [0.1°C]	46	45	44	43	42	41	40	
Type/Subindex	Integer 16								

Bitoffset									
Byte 1	Temperature [0.1°C]	38	37	36	35	34	33	32	
Type/Subindex	Integer 16								9

Bitoffset									
Byte 2	Flowrate (Velocity [0.01m/s], Volume [0.1l/min], Relative [0.1%])	28	27	26	25	24			
Type/Subindex	Unsigned Integer 24								

Bitoffset									
Byte 3	Flowrate (Velocity [0.01m/s], Volume [0.1l/min], Relative [0.1%])	20	19	18	17	16			
Type/Subindex	Unsigned Integer 24								

Bitoffset									
Byte 4	Flowrate (Velocity [0.01m/s], Volume [0.1l/min], Relative [0.1%])	12	11	10	9	8			
Type/Subindex	Unsigned Integer 24								8

Bitoffset															
Byte 5	Warning Active	7	6	5	4	3	2	1	0						
Type/Subindex	Boolean	7	Boolean	6	Unsigned Integer 2	5	Boolean	4	Boolean	3	Boolean	2	Boolean	1	0

### 3. Service data

The following ISDUs will not be saved via Data-Storage: Device Specific Tag, Simulation and Special Action Scratchpad

IO-Link specific							
Index dec (hex)	Name	Format (Offset)	Length	Access <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
12 (0x0C)	Device Access Locks	Record	2 Byte	rw			
2 (0x02)	Data Storage Lock	Bit (1)	1 Bit	rw			
4 (0x04)	Local User Interface Lock	Bit (3)	1 Bit	rw			
16 (0x10)	Vendor Name	String	64 Byte	ro	SICK AG		
18 (0x12)	Product Name	String	64 Byte	ro			
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		

<sup>1</sup> ro = read only, wo = write only, rw = read/write / ro = nur lesen, wo = nur schreiben, rw = lesen/schreiben

<sup>2</sup> COM values specify the bitrate (see IO-Link specification) / COM Werte spezifizieren die Baudrate (s. IO-Link Spezifikation): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

## DEUTSCH

### 1. Physikalische Schicht

Hinweis: Max. Stromaufnahme des IO-Link Devices (inkl. Lastströme) darf max. Ausgangsstrom des Master-Ports nicht überschreiten.

SIO Modus	ja
Min. Zykluszeit	5.0 ms
Baudrate <sup>2</sup>	COM3
Prozessdatenlänge (IN)	6 Byte
IODD Version	V1.00
Gültig für IO-Link Version	1.1.0

### 2. Prozessdaten

Temperatur in 0.1 °C  
Flowrate Einheit abhängig von Index 440 Messmodus  
Speed in 0.01m/s  
Volumen in 0.1l/min  
Relativ in 0.1%

Record: 6 Byte - Prozess Daten Eingabe

Bitoffset									
Byte 0	Temperatur [0.1°C]	46	45	44	43	42	41	40	
Type/Subindex	Integer 16								

Bitoffset									
Byte 1	Temperatur [0.1°C]	38	37	36	35	34	33	32	
Type/Subindex	Integer 16								9

Bitoffset									
Byte 2	Durchfluss (Geschwindigkeit [0.01m/s], Volumen [0.1l/min], Relativ [0.1%])	28	27	26	25	24			
Type/Subindex	Unsigned Integer 24								

Bitoffset									
Byte 3	Durchfluss (Geschwindigkeit [0.01m/s], Volumen [0.1l/min], Relativ [0.1%])	20	19	18	17	16			
Type/Subindex	Unsigned Integer 24								

Bitoffset									
Byte 4	Durchfluss (Geschwindigkeit [0.01m/s], Volumen [0.1l/min], Relativ [0.1%])	12	11	10	9	8			
Type/Subindex	Unsigned Integer 24								8

Bitoffset															
Byte 5	Warnung Aktiv	7	6	5	4	3	2	1	0						
Type/Subindex	Boolean	7	Boolean	6	Unsigned Integer 2	5	Boolean	4	Boolean	3	Boolean	2	Boolean	1	0

### 3. Servicedaten

Die folgenden ISDUs werden nicht über Data-Storage gesichert: Device Specific Tag, Simulation und Sonderfunktion Speicher

IO-Link spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]
12 (0x0C)	Gerätezugriffssperren	Record	2 Byte	rw			
2 (0x02)	Datenspeicherungs-sperre	Bit (1)	1 Bit	rw			
4 (0x04)	Lokale Benutzerinter-face-Sperre	Bit (3)	1 Bit	rw			
16 (0x10)	Herstellername	String	64 Byte	ro	SICK AG		
18 (0x12)	Produktname	String	64 Byte	ro			
19 (0x13)	Produkt-ID	String	64 Byte	ro			
20 (0x14)	Produkttext	String	64 Byte	ro			
21 (0x15)	Seriennummer	String	16 Byte	ro			
22 (0x16)	Hardwareversion	String	64 Byte	ro			
23 (0x17)	Firmwareversion	String	64 Byte	ro			
24 (0x18)	Anwendungsspezifische Markierung	String	32 Byte	rw	***		



8023086 0618

T-Easic FTS

1069241060  
9282182 0618

Australia Phone +61 3 9467 0800  
Belgium/Luxembourg Phone +32 (0)2 468 55 66  
Brazil Phone +55 11 5215-4900  
Canada Phone +1 905 771 14 44  
China Phone +86 4000 121 000  
Denmark Phone +45 45 82 64 00  
Deutschland Phone +49 22 837 40 50  
España Phone +34 93 480 31 00  
France Phone +33 1 64 62 39 00  
Great Britain Phone +44 (0)1727 831321  
India Phone +91-22-4033 8333  
Israel Phone +972-4-6801000  
Italy Phone +39 02 27 43 41  
Japan Phone +81 (03) 5309 2112  
Magyarország Phone +36 1 371 2680  
Niederland Phone +31 (030) 229 25 44  
SICK AG, Erwin-Sick-Strasse 1, D.79183 Waldkirch

Osterreich Phone +43 (0)22 36 62 28 8-0  
Norge Phone +47 67 61 50 00  
Polska Phone +48 22 837 40 50  
România Phone +40 356 171 120  
Russland Phone +7 495 775 00 30  
Schweiz Phone +41 41 619 29 39  
Sverige Phone +46 10 110 10 00  
Südafrika Phone +27 11 472 3733  
Sveitsland Phone +386 (0)147 69 990  
Türkiye Phone +90 (216) 538 50 00  
USA/Mexico Phone +1 950 941 6780

Please find detailed addresses and additional representatives and agencies in all major industrial nations at [www.sick.com](http://www.sick.com)

More representatives and agencies at [www.sick.com](http://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](http://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](http://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](http://www.sick.com) - Alterações poderão ser feitas sem prévio aviso - As características do produto e os dados técnicos apresentados não constituem declaração de garantia.

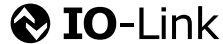
Flere representanter og agenturer på [www.sick.com](http://www.sick.com) - Med forbehold for ændringer og fejl - De aftrykte produktetagsklæber og tekniske data udgør ikke nogen garantierklæring.

Altri rappresentanti ed agenzie si trovano su [www.sick.com](http://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](http://www.sick.com) - Wijzigingen en correcties voorbehouden - Aangegeven producteigenschappen en technische gegevens vormen geen garantieverklaring.

Más representantes y agencias en [www.sick.com](http://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](http://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

IO-Link specific							
Index dec (hex)	Name	Format (Offset)	Length	Access <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
40 (0x28)	Process Data Input	PD In	6 Byte	ro			
SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
59 (0x3B)	Teach Status	UInt	8 Bit	ro	0 = Idle 3 = success 4 = Wait for Teach min 5 = Busy 12 = Error Teach max 13 = Error Teach min 14 = Error Sensor not in Teach Mode		
64 (0x40)	Device Specific Tag	String	32 Byte	rw	***		
190 (0xBE)	OpTimer	UInt	32 Bit	ro		Operation time in seconds [s]	
212 (0xD4)	Delay Mode Q1	UInt	8 Bit	rw	4	0 = Ton Delay 1 = Toff Delay 2 = Ton + Toff Delay 3 = Pulse (One Shot) 4 = deactivated	
213 (0xD5)	Delay Mode Q2	UInt	8 Bit	rw	4	0 = Ton Delay 1 = Toff Delay 2 = Ton + Toff Delay 3 = Pulse (One Shot) 4 = deactivated	
214 (0xD6)	Delay Time Q1	UInt	16 Bit	rw	0	0...60000	[ms]
215 (0xD7)	Delay Time Q2	UInt	16 Bit	rw	0	0...60000	[ms]
260 (0x104)	Q1Mode	UInt	8 Bit	rw	0	0 = Flow Hysteresis norm open 1 = Flow Hysteresis norm closed 2 = Flow Window norm open 3 = Flow Window norm closed 6 = Temp Hysteresis norm open 7 = Temp Hysteresis norm closed 8 = Temp Window norm open 9 = Temp Window norm closed 18 = Application Specific	
267 (0x10B)	Q1 Switchpoints Flow Relative	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
268 (0x10C)	Q1 Switchpoints Flow Velocity	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
269 (0x10D)	Q1 Switchpoints Flow Volume	Record	8 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (32)	32 Bit	rw	0...14200 00	(Parameter in 0.1/min) [l/min]	
2 (0x02)	Switchpoint 2	Bit (0)	32 Bit	rw	0...14200 00	(Parameter in 0.1/min) [l/min]	
270 (0x10E)	Q1 Switchpoints Temperature	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	-400...150 0	(Parameter in 0.1°C) [°C]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	-400...150 0	(Parameter in 0.1°C) [°C]	

<sup>1</sup>ro = read only, wo = write only, rw = read/write / ro = nur lesen, wo = nur schreiben, rw = lesen/schreiben

<sup>2</sup>COM values specify the bitrate (see IO-Link specification) / COM Werte spezifizieren die Baudrate (s. IO-Link Spezifikation): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

DEUTSCH

IO-Link spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]
36 (0x24)	Gerätestatus	UInt	8 Bit	ro			0 = Gerät ist OK 1 = Wartung erforderlich 2 = Außerhalb der Spezifikation 3 = Funktionsprüfung 4 = Fehler 5...255 = Reserviert
40 (0x28)	Prozessdaten Eingang	PD In	6 Byte	ro			
SICK spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]
59 (0x3B)	Teach Status	UInt	8 Bit	ro	0 = Bereit 3 = erfolgreich 4 = Warten auf Teach min 5 = in Arbeit 12 = Fehler Teach max 13 = Fehler Teach min 14 = Fehler Sensor nicht im Teach Modus		
64 (0x40)	Device Specific Tag	String	32 Byte	rw	***		
190 (0xBE)	Betriebssekundenzähler	UInt	32 Bit	ro		Betriebsdauer in Sekunden [s]	
212 (0xD4)	Verzögerung Modus Q1	UInt	8 Bit	rw	4	0 = Einschaltverzögerung 1 = Ausschaltverzögerung 2 = Ein- / Ausschaltverzögerung 3 = Impuls (ein Impuls) 4 = deaktiviert	
213 (0xD5)	Verzögerung Modus Q2	UInt	8 Bit	rw	4	0 = Einschaltverzögerung 1 = Ausschaltverzögerung 2 = Ein- / Ausschaltverzögerung 3 = Impuls (ein Impuls) 4 = deaktiviert	
214 (0xD6)	Verzögerung Zeitwert Q1	UInt	16 Bit	rw	0	0...60000	[ms]
215 (0xD7)	Verzögerung Zeitwert Q2	UInt	16 Bit	rw	0	0...60000	[ms]
260 (0x104)	Q1Modus	UInt	8 Bit	rw	0	0 = Durchfluss Hysteresse Schliesser 1 = Durchfluss Hysteresse Öffner 2 = Durchfluss Fenster Schliesser 3 = Durchfluss Fenster Öffner 6 = Temperatur Hysteresse Schliesser 7 = Temperatur Hysteresse Öffner 8 = Temperatur Fenster Schliesser 9 = Temperatur Fenster Öffner 18 = Applikationsspezifisch	
267 (0x10B)	Q1 Schaltpunkte Durchfluss Relativ	Record	4 Byte	rw			
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
268 (0x10C)	Q1 Schaltpunkte Durchfluss Geschwindigkeit	Record	4 Byte	rw			
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
269 (0x10D)	Q1 Schaltpunkte Durchfluss Volumen	Record	8 Byte	rw			
1 (0x01)	Schaltpunkt 1	Bit (32)	32 Bit	rw	0...14200 00	(Parameter in 0.1/min) [l/min]	
2 (0x02)	Schaltpunkt 2	Bit (0)	32 Bit	rw	0...14200 00	(Parameter in 0.1/min) [l/min]	
270 (0x10E)	Q1 Schaltpunkte Temperatur	Record	4 Byte	rw			
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	-400...150 0	(Parameter in 0.1°C) [°C]	
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	-400...150 0	(Parameter in 0.1°C) [°C]	

# SICK

8023086 0618

## T-Easic FTS

1069241060  
9282182 0618

Australia Phone +61 3 9457 0800  
Belgium/Luxembourg Phone +32 (0)2 468 55 66  
Brazil Phone +55 11 3215-4900  
Canada Phone +1 905 771 14 44  
China Phone +86 4000 121 000  
Denmark Phone +45 45 82 64 00  
Deutschland Phone +49 211 5301 301  
España Phone +34 93 480 31 00  
France Phone +33 1 84 62 39 00  
Great Britain Phone +44 (0)1727 831121  
India Phone +91-22-4033 8333  
Israel Phone +972-4-6801000  
Japan Phone +39 02 27 43 41  
Korea Phone +81 (03) 5309 2112  
Magyarország Phone +36 1 371 2680  
Niederlande Phone +31 (0)30 229 25 44  
SICK AG, Erwin-Sick-Strasse 1, D-79183 Waldkirch

Osterreich Phone +43 (0)32 36 62 28 8-0  
Norge Phone +47 67 61 51 00  
Polska Phone +49 22 837 40 50  
România Phone +40 356 171 120  
Russia Phone +7 495 775 09 30  
Singapore Phone +65 41 619 29 39  
Sverige Phone +46 10 110 10 00  
Taiwan Phone +886-2-2375-0288  
Türkiye Phone +90 (216) 538 50 00  
United Arab Emirates Phone +971 (0)4 5855 878  
USA/Mexico Phone +1 2952 941 6780

Please find detailed addresses and additional representatives and agencies in all major industrial nations at [www.sick.com](http://www.sick.com)

More representatives and agencies at [www.sick.com](http://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](http://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](http://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](http://www.sick.com) - Alterações poderão ser feitas sem prévio aviso - As características do produto e os dados técnicos apresentados não constituem declaração de garantia.

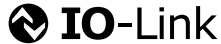
Flere representanter og agenturer på [www.sick.com](http://www.sick.com) - Med forbehold for ændringer og fejl - De angivne produktdata og tekniske data udgør ikke nogen garantierklæring.

Altri rappresentanti ed agenzie si trovano su [www.sick.com](http://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](http://www.sick.com) - Wijzigingen en correcties voorbehouden - Aangegeven producteigenschappen en technische gegevens vormen geen garantieverklaring.

Más representantes y agencias en [www.sick.com](http://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](http://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 <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
290 (0x122)	Q2Mode	Ulnt	8 Bit	rw	0	0 = Flow Hysteresis norm open 1 = Flow Hysteresis norm closed 2 = Flow Window norm open 3 = Flow Window norm closed 6 = Temp Hysteresis norm open 7 = Temp Hysteresis norm closed 8 = Temp Window norm open 9 = Temp Window norm closed 16 = Input OR with Q1 17 = Input AND with Q1 18 = Application Specific 20 = Off Pin Q2 inactive	
297 (0x129)	Q2 Switchpoints Flow Relative	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]	
298 (0x12A)	Q2 Switchpoints Flow Velocity	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]	
299 (0x12B)	Q2 Switchpoints Flow Volume	Record	8 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (32)	32 Bit	rw	0...14200 00	(Parameter in 0.1l/min) [l/min]	
2 (0x02)	Switchpoint 2	Bit (0)	32 Bit	rw	0...14200 00	(Parameter in 0.1l/min) [l/min]	
300 (0x12C)	Q2 Switchpoints Temperature	Record	4 Byte	rw			
1 (0x01)	Switchpoint 1	Bit (16)	16 Bit	rw	-400...150 0	(Parameter in 0.1 °C) [°C]	
2 (0x02)	Switchpoint 2	Bit (0)	16 Bit	rw	-400...150 0	(Parameter in 0.1 °C) [°C]	
420 (0x1A4)	Unit Volume	Ulnt	8 Bit	rw	0	0 = L/min (Liter per minute) 1 = L/h (Liter per hour) 2 = m <sup>3</sup> /h (Cubic meter per hour) 3 = gpm (US Gallon per minute) 4 = gph (US Gallon per hour) 5 = ft <sup>3</sup> /min (Cubic foot per minute)	
421 (0x1A5)	Unit Velocity	Ulnt	8 Bit	rw	0	0 = m/s (Meter per second) 1 = ft/s (Foot per second)	
422 (0x1A6)	Unit Pipe Diameter	Ulnt	8 Bit	rw	0	0 = mm 1 = inch	
423 (0x1A7)	Unit Temperature	Ulnt	8 Bit	rw	0	0 = °C (Celsius) 1 = °F (Fahrenheit)	
424 (0x1A8)	Display Mode	Ulnt	8 Bit	rw	0	0 = Flow & Temperature standard 1 = Flow & Temperature 180° turned 2 = Temperature & Flow standard 3 = Temperature & Flow 180° turned	
433 (0x1B1)	Display Lock	Bool	1 Bit	rw	0	true = active HMI locked !Password! false = inactive HMI unlocked	Display lock - Password protected
440 (0x1B8)	Measurement Mode	Ulnt	8 Bit	rw	0	0 = Velocity relative (%) 1 = Velocity absolute 2 = Volume absolute 3 = Teach relative (%)	
441 (0x1B9)	Pipe Diameter	Ulnt	16 Bit	rw	1...1000	[mm]	
442 (0x1BA)	Medium	Ulnt	8 Bit	rw		0 = Water 1 = Oil A 2 = Oil B 3 = Medium 4 4 = Medium 5 5 = Medium 6	

<sup>1</sup>ro = read only, wo = write only, rw = read/write / ro = nur lesen, wo = nur schreiben, rw = lesen/schreiben

<sup>2</sup>COM values specify the bitrate (see IO-Link specification) / COM Werte spezifizieren die Baudrate (s. IO-Link Spezifikation): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

DEUTSCH								
SICK spezifisch								
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]	
290 (0x122)	Q2Modus	Ulnt	8 Bit	rw	0		0 = Durchfluss Hysteresse Schliesser 1 = Durchfluss HysteresseÖffner 2 = Durchfluss Fenster Schliesser 3 = Durchfluss Fenster Öffner 6 = Temperatur Hysteresse Schliesser 7 = Temperatur Hysteresse Öffner 8 = Temperatur Fenster Schliesser 9 = Temperatur Fenster Öffner 16 = Eingang OR mit Q1 17 = Eingang AND mit Q1 18 = Applikationsspezifisch 20 = Aus	
297 (0x129)	Q2 Schaltpunkte Durchfluss Relativ	Record	4 Byte	rw				
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]		
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	0...1000	(Parameter in 0.1%) [%]		
298 (0x12A)	Q2 Schaltpunkte Durchfluss Geschwindigkeit	Record	4 Byte	rw				
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]		
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	0...300	(Parameter in 0.01m/s) [m/s]		
299 (0x12B)	Q2 Schaltpunkte Durchfluss Volumen	Record	8 Byte	rw				
1 (0x01)	Schaltpunkt 1	Bit (32)	32 Bit	rw	0...14200 00	(Parameter in 0.1l/min) [l/min]		
2 (0x02)	Schaltpunkt 2	Bit (0)	32 Bit	rw	0...14200 00	(Parameter in 0.1l/min) [l/min]		
300 (0x12C)	Q2 Schaltpunkte Temperatur	Record	4 Byte	rw				
1 (0x01)	Schaltpunkt 1	Bit (16)	16 Bit	rw	-400...150 0	(Parameter in 0.1 °C) [°C]		
2 (0x02)	Schaltpunkt 2	Bit (0)	16 Bit	rw	-400...150 0	(Parameter in 0.1 °C) [°C]		
420 (0x1A4)	Einheit Flow Volumen	Ulnt	8 Bit	rw	0	0 = L/min (Liter pro Minute) 1 = L/h (Liter pro Stunde) 2 = m <sup>3</sup> /h (Kubikmeter pro Stunde) 3 = Gal/min (US Gallonen pro Minute) 4 = Gal/h (US Gallonen pro Stunde) 5 = ft <sup>3</sup> /min (Kubikfuss pro Minute)		
421 (0x1A5)	Einheit Durchfluss-Geschwindigkeit	Ulnt	8 Bit	rw	0	0 = m/s (Meter pro Sekunde) 1 = ft/s (Fuss pro Sekunde)		
422 (0x1A6)	Einheit Rohrdurchmesser	Ulnt	8 Bit	rw	0	0 = mm 1 = inch		
423 (0x1A7)	Einheit Temperatur	Ulnt	8 Bit	rw	0	0 = °C (Celsius) 1 = °F (Fahrenheit)		
424 (0x1A8)	Anzeigemodus	Ulnt	8 Bit	rw	0	0 = Durchfluss & Temperatur Standard 1 = Durchfluss & Temperatur 180° gedreht 2 = Temperatur & Durchfluss Standard 3 = Temperatur & Durchfluss 180° gedreht		
433 (0x1B1)	Tastensperre	Bool	1 Bit	rw	0	true = aktiv HMI gesperrt !Passwort! false = inaktiv HMI nicht gesperrt	Tastensperre - Passwort geschützt	
440 (0x1B8)	Messmodus	Ulnt	8 Bit	rw	0	0 = Geschwindigkeit relativ (%) 1 = Geschwindigkeit absolut 2 = Volumen absolut 3 = Teach relativ (%)		
441 (0x1B9)	Rohrdurchmesser	Ulnt	16 Bit	rw	1...1000	[mm]		
442 (0x1BA)	Medium	Ulnt	8 Bit	rw		0 = Wasser 1 = Öl A 2 = Öl B 3 = Medium 4 4 = Medium 5 5 = Medium 6		



8023086 0618

T-Easic FTS

1069241060  
9282182 0618

Australia Phone +61 3 9467 0800  
Belgium/Luxembourg Phone +32 (0)2 468 55 66  
Brazil Phone +55 11 5215-4900  
Canada Phone +1 905 771 14 44  
China Phone +86 4000 121 000  
Denmark Phone +45 45 82 64 00  
Deutschland Phone +49 211 5301 301  
España Phone +34 93 480 31 00  
France Phone +33 1 64 62 39 00  
Great Britain Phone +44 (0)1727 831211  
India Phone +91 22 4033 8333  
Italy Phone +39 02 27 43 41  
Japan Phone +81 (03) 5309 2112  
Magyarország Phone +36 1 371 2680  
Niederlande Phone +31 (030) 229 25 44  
SICK AG, Erwin-Sick-Strasse 1, D-79183 Waldkirch

Osterreich Phone +43 (0)22 36 62 28 8-0  
Norge Phone +47 67 61 51 00  
Polska Phone +48 22 837 40 50  
România Phone +40 356 171 120  
Rusia Phone +7 495 775 09 30  
Schweiz Phone +41 41 619 29 39  
Sveigeyri Phone +35 6744 3732  
Sveits Phone +386 (0)147 69 990  
Sveits Phone +42 2 786 632/14  
Suomi Phone +358 9 25 15 800  
Sverige Phone +46 10 110 10 00  
Taiwan Phone +886 2 2375-0288  
Türkiye Phone +90 (216) 538 50 00  
United Arab Emirates Phone +971 (0) 4 5865 878  
USA/Mexico Phone +1 950 941 6780

Please find detailed addresses and additional representatives and agencies in all major industrial nations at [www.sick.com](http://www.sick.com)

More representatives and agencies at [www.sick.com](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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，其正确性不予保证。



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

ENGLISH							
SICK device specific							
Index dec (hex)	Name	Format (Offset)	Length	Access <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
443 (0x1BB)	Simulation	UInt	8 Bit	rw	0	0 = Off Simulation inactive 1 = 0% Flow Simulation 2 = 25% Flow Simulation 3 = 50% Flow Simulation 4 = 75% Flow Simulation 5 = 100% Flow Simulation 6 = -25 °C Temp Simulation 7 = 0 °C Temp Simulation 8 = 25 °C Temp Simulation 9 = 50 °C Temp Simulation 10 = 75 °C Temp Simulation 11 = 100 °C Temp Simulation 12 = 125 °C Temp Simulation 13 = 150 °C Temp Simulation 14 = Failure simulate Failure	
446 (0x1BE)	Filter (process data)	UInt	8 Bit	rw	0 = Off 1 = 100ms 2 = 200ms 3 = 300ms 5 = 500ms 10 = 1sec 20 = 2sec 30 = 3sec 50 = 5sec 100 = 10sec		
448 (0x1C0)	Linear Flow Factor	UInt	16 Bit	rw	100	50...150	Applikationsspezifischer Kompensationsfaktor [%]
480 (0x1E0)	Signal Quality	UInt	8 Bit	ro	0...100	[%]	
485 (0x1E5)	PowerUp Counter	UInt	32 Bit	ro			
486 (0x1E6)	Supply Voltage	UInt	16 Bit	ro	[mV]		
487 (0x1E7)	Sensor Temp	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
488 (0x1E8)	Max Medium Temperature	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
489 (0x1E9)	Min Medium Temperature	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
494 (0x1EE)	Reset Min/Max	UInt	8 Bit	wo	0 = all 1 = MediumTemperature 2 = reserved		
500 (0x1F4)	Error Delay	UInt	8 Bit	rw	0 = Off 1 = 1 sec 2 = 2 sec 5 = 5 sec 10 = 10 sec 30 = 30 sec		
501 (0x1F5)	Error Level	UInt	8 Bit	rw	0	0 = Failure 1 = Failure + Warning	
502 (0x1F6)	Active Notifications	Record	4 Byte	ro			
1 (0x01)	System State	Bit (0)	2 Bit	ro	0 = Failure 1 = Warning 2 = OK		
2 (0x02)	Shortcut Q2	Bit (2)	1 Bit	ro	true = Active false = Inactive		
9 (0x09)	Supply Voltage out of IOL-Specification	Bit (9)	1 Bit	ro	true = Active false = Inactive		
10 (0x0A)	Supply Voltage out of Specification	Bit (10)	1 Bit	ro	true = Active false = Inactive		
11 (0x0B)	Simulation active	Bit (11)	1 Bit	ro	true = Active false = Inactive		
14 (0x0E)	OutputDriver-Error	Bit (14)	1 Bit	ro	true = Active false = Inactive		
15 (0x0F)	Weak Configuration	Bit (15)	1 Bit	ro	true = Active false = Inactive		
26 (0x1A)	Internal Warning	Bit (26)	1 Bit	ro	true = Active false = Inactive		
27 (0x1B)	Internal Error	Bit (27)	1 Bit	ro	true = Active false = Inactive		

<sup>1</sup>ro = read only, wo = write only, rw = read/write / ro = nur lesen, wo = nur schreiben, rw = lesen/schreiben

<sup>2</sup>COM values specify the bitrate (see IO-Link specification) / COM Werte spezifizieren die Baudrate (s. IO-Link Spezifikation): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)

DEUTSCH							
SICK spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]
443 (0x1BB)	Simulation	UInt	8 Bit	rw	0	0 = Aus Simulation inaktiv 1 = 0% Durchfluss Simulation 2 = 25% Durchfluss Simulation 3 = 50% Durchfluss Simulation 4 = 75% Durchfluss Simulation 5 = 100% Durchfluss Simulation 6 = -25 °C Temperatur Simulation 7 = 0 °C Temperatur Simulation 8 = 25 °C Temperatur Simulation 9 = 50 °C Temperatur Simulation 10 = 75 °C Temperatur Simulation 11 = 100 °C Temperatur Simulation 12 = 125 °C Temperatur Simulation 13 = 150 °C Temperatur Simulation 14 = Fehler simuliert Fehler	
446 (0x1BE)	Filter (Prozessdaten)	UInt	8 Bit	rw	0 = Aus 1 = 100ms 2 = 200ms 3 = 300ms 5 = 500ms 10 = 1sec 20 = 2sec 30 = 3sec 50 = 5sec 100 = 10sec		
448 (0x1C0)	Linearer Durchflussfaktor	UInt	16 Bit	rw	100	50...150	Applikationsspezifischer Kompensationskoeffizient [%]
480 (0x1E0)	Signalqualität	UInt	8 Bit	ro	0...100	[%]	
485 (0x1E5)	Einschaltzähler	UInt	32 Bit	ro			
486 (0x1E6)	Versorgungsspannung	UInt	16 Bit	ro	[mV]		
487 (0x1E7)	Sensortemperatur	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
488 (0x1E8)	Max Mediumstemperatur	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
489 (0x1E9)	Min Mediumstemperatur	Int	16 Bit	ro	(Parameter in 0.1 °C)	[°C]	
494 (0x1EE)	Zurücksetzen Min/Max	UInt	8 Bit	wo	0 = alle 1 = Mediumtemperatur 2 = reserviert		
500 (0x1F4)	Fehlervverzögerung	UInt	8 Bit	rw	0 = Aus 1 = 1 sec 2 = 2 sec 5 = 5 sec 10 = 10 sec 30 = 30 sec		
501 (0x1F5)	Fehlerschwelle	UInt	8 Bit	rw	0	0 = Fehler 1 = Fehler + Warning	
502 (0x1F6)	Aktive Benachrichtigungen	Record	4 Byte	ro			
1 (0x01)	Systemzustand	Bit (0)	2 Bit	ro	0 = Fehler 1 = Warning 2 = OK		
2 (0x02)	Kurzschluss Q2	Bit (2)	1 Bit	ro	true = Aktiv false = Inaktiv		
9 (0x09)	Versorgungsspannung außerhalb der IOL-Spezifikation	Bit (9)	1 Bit	ro	true = Aktiv false = Inaktiv		
10 (0x0A)	Versorgungsspannung außerhalb der Spezifikation	Bit (10)	1 Bit	ro	true = Aktiv false = Inaktiv		
11 (0x0B)	Simulation aktiv	Bit (11)	1 Bit	ro	true = Aktiv false = Inaktiv		
14 (0x0E)	Fehler Ausgangstreiber	Bit (14)	1 Bit	ro	true = Aktiv false = Inaktiv		
15 (0x0F)	Schlechte Konfiguration	Bit (15)	1 Bit	ro	true = Aktiv false = Inaktiv		
26 (0x1A)	Interne Warnung	Bit (26)	1 Bit	ro	true = Aktiv false = Inaktiv		



8023086 0618

T-Easic FTS

1069241060  
9282182 0618

<p><b>Australia</b> Phone +61 3 9457 0800</p> <p><b>Belgium/Luxembourg</b> Phone +32 (0)2 468 35 66</p> <p><b>Brasil</b> Phone +55 11 3215-4900</p> <p><b>Canada</b> Phone +1 905 771 14 44</p> <p><b>China</b> Phone +86 400 121 000 +852 2153 6300</p> <p><b>Danmark</b> Phone +45 45 82 64 00</p> <p><b>Deutschland</b> Phone +49 211 5301 301</p> <p><b>España</b> Phone +34 93 480 31 00</p> <p><b>France</b> Phone +33 1 64 42 39 00</p> <p><b>Great Britain</b> Phone +44 (0)1727 831121</p> <p><b>India</b> Phone +91-22-4033 8333</p> <p><b>Israel</b> Phone +972-4-6801000</p> <p><b>Italia</b> Phone +39 02 27 43 41</p> <p><b>Japan</b> Phone +81 (03) 5309 2112</p> <p><b>Magyarország</b> Phone +36 1 371 2680</p> <p><b>Niederland</b> Phone +31 (0)30 229 25 44</p> <p>SICK AG, Erwin-Sick-Strasse 1, D.79183 Waldkirch</p>	<p><b>Osterreich</b> Phone +43 (0)22 36 62 28 8-0</p> <p><b>Norge</b> Phone +47 67 61 50 00</p> <p><b>Polska</b> Phone +48 22 837 40 50</p> <p><b>România</b> Phone +40 356 171 120</p> <p><b>Russia</b> Phone +7 495 775 09 30</p> <p><b>Schweiz</b> Phone +41 41 619 29 39</p> <p><b>Singapore</b> Phone +65 6744 3732</p> <p><b>Slovakia</b> Phone +386 (0)147 69 990</p> <p><b>South Korea</b> Phone +82 2 786 6321/4</p> <p><b>Spain</b> Phone +358-20 15 800</p> <p><b>Sverige</b> Phone +46 10 110 10 00</p> <p><b>Taiwan</b> Phone +886-2-2375-6288</p> <p><b>Türkiye</b> Phone +90 (216) 538 50 00</p> <p><b>United Arab Emirates</b> Phone +971 (0)4 5565 878</p> <p><b>USA/Mexico</b> Phone +1 950 941 6780</p>
---	--

Please find detailed addresses and additional representatives and agencies in all major industrial nations at [www.sick.com](http://www.sick.com)

8211463

More representatives and agencies at [www.sick.com](http://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](http://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](http://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](http://www.sick.com) - Alterações poderão ser feitas sem prévio aviso - As características do produto e os dados técnicos apresentados não constituem declaração de garantia.

Fiere representanter og agenturer på [www.sick.com](http://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](http://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](http://www.sick.com) - Wijzigingen en correcties voorbehouden - Aangegeven producteigenschappen en technische gegevens vormen geen garantieverklaring.

Más representantes y agencias en [www.sick.com](http://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](http://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 <sup>1</sup>	Default Value	Value / Range	Remark [Unit]
28 (0x1C)	Process Temperature too high	Bit (28)	1 Bit	ro	true = Active false = Inactive		
29 (0x1D)	Process Temperature too low	Bit (29)	1 Bit	ro	true = Active false = Inactive		
30 (0x1E)	Sensor Temperature too high	Bit (30)	1 Bit	ro	true = Active false = Inactive		
31 (0x1F)	Sensor Temperature too low	Bit (31)	1 Bit	ro	true = Active false = Inactive		
17342 (0x43BE)	Hardware Identification Key	String	16 Byte	ro			

Standard command						
Index dec (hex)	Name	Access <sup>1</sup>	Value	Name	Remark [Unit]	
2 (0x02)	Standard Command	wo	75	Teach max		
			76	Teach min		
			128	Device Reset		
			130	Restore Factory Settings		

DEUTSCH							
SICK spezifisch							
Index dez (hex)	Name	Format (Offset)	Länge	Zugriff <sup>1</sup>	Standard Wert	Wertebereich	Bemerkung [Einheit]
27 (0x1B)	Interner Fehler	Bit (27)	1 Bit	ro	true = Aktiv false = Inaktiv		
28 (0x1C)	Prozesstemperatur zu hoch	Bit (28)	1 Bit	ro	true = Aktiv false = Inaktiv		
29 (0x1D)	Prozesstemperatur zu niedrig	Bit (29)	1 Bit	ro	true = Aktiv false = Inaktiv		
30 (0x1E)	Sensortemperatur zu hoch	Bit (30)	1 Bit	ro	true = Aktiv false = Inaktiv		
31 (0x1F)	Sensortemperatur zu niedrig	Bit (31)	1 Bit	ro	true = Aktiv false = Inaktiv		
17342 (0x43BE)	Hardware Identifikation Key	String	16 Byte	ro			

Standardkommando						
Index dez (hex)	Name	Zugriff <sup>1</sup>	Wert	Name	Bemerkung [Einheit]	
2 (0x02)	Standardkommando	wo	75	Teach max		
			76	Teach min		
			128	Gerät rücksetzen		
			130	Auslieferungszustand wiederherstellen		

<sup>1</sup> ro = read only, wo = write only, rw = read/write / ro = nur lesen, wo = nur schreiben, rw = lesen/schreiben  
<sup>2</sup> COM values specify the bitrate (see IO-Link specification) / COM Werte spezifizieren die Baudrate (s. IO-Link Spezifikation): COM1 (4,8 kbit/s), COM2 (38,4 kbit/s), COM3 (230,4 kbit/s)