Endüktif Sensör
Halka sensörü

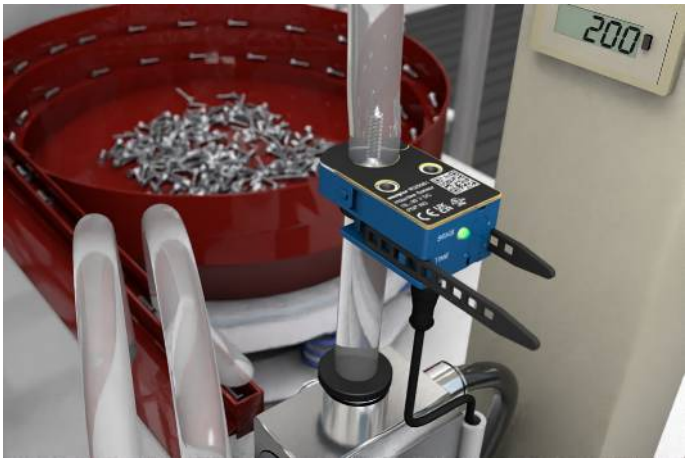
IR2D001
Sipariş numarası

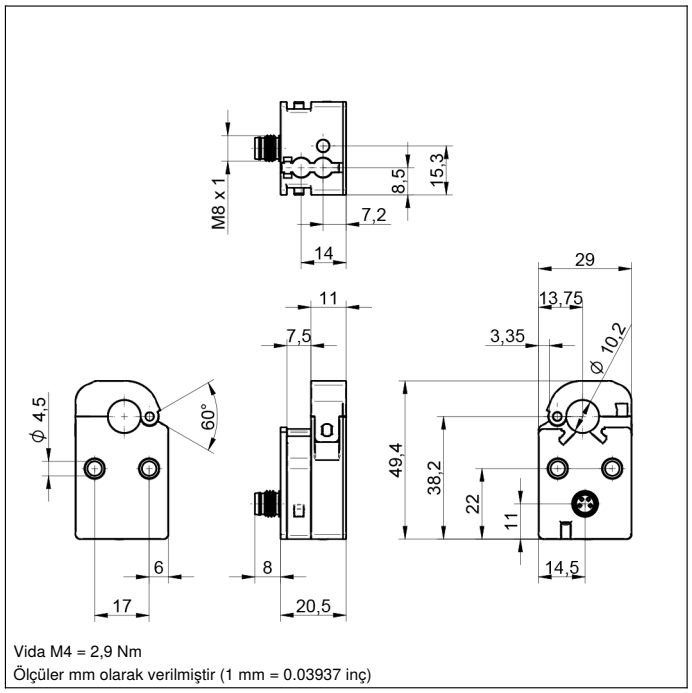


Teknik Veriler

Endüktif veriler	
İç çap	10,2 mm
A/Bx/By/C kurulumu, mm olarak	0/15/35/5
A/Bx/By/C kurulumu, mm olarak, frekans anahtarlamalı	0/0/0/5
Fonksiyonel prensibi	Dinamik
Algılanabilir en küçük obje (Ø)	2 mm*
Düzeltme faktörü paslanmaz çelik V2A/CuZn/Al	1/1/1
Elektriksel veriler	
Besleme gerilimi	10...30 V DC
Güç tüketimi (Ub = 24 V)	< 20 mA
Obje hızı	< 50 m/s
Tepki süresi	< 100 µs
Hazır olma gecikmesi	< 1 s
Anahtarlama çıkışı gerilim düşmesi	1,5 V
Sıcaklık aralığı	0...60 °C
Kısa devre korumalı	Evet
Ters kutup ve aşırı yük korumalı	Evet
Röle çıkışı anahtarlama akımı	100 mA
Pulse uzatma	200 ms
Arayüz	IO-Link V1.1
Mekanik veriler	
Bağlantı türü	M8 × 1; 4 pin'li
Ayar türü	Potansiyometre/IO-Link
Açma/kapama döngüleri Kulp	maks. 100
Koruma sınıfı	IP54
PNP NO	●
Bağlantı şeması no.	271
Kumanda panosu no.	T19

* Çelik bilya ile ilgili

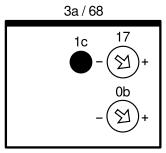




Vida M4 = 2,9 Nm
Ölçüler mm olarak verilmiştir (1 mm = 0.03937 inç)

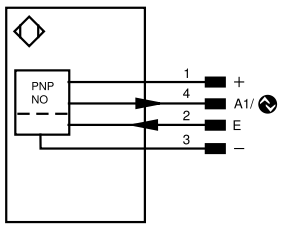
Kumanda panosu

T19



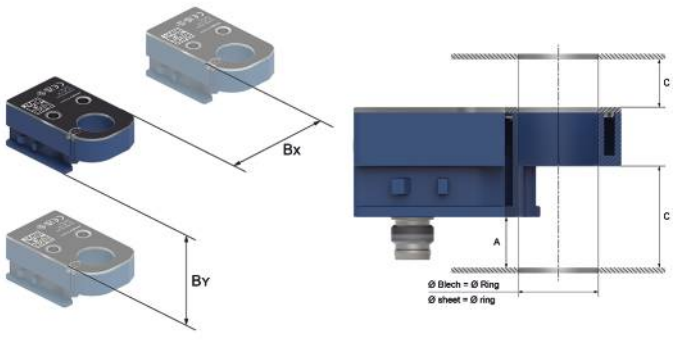
0b = Darbe uzunluğu ayarlayıcısı
17 = Hassasiyet ayarlayıcısı
1c = Durum göstergesi/Ayarlama yardımı
3a = Anahtarlama durumu göstergesi/Hata göstergesi
68 = Besleme gerilimi göstergesi

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Legend					
+	Supply Voltage +	nc	Not connected	ENBRS422	Encoder B/B̄ (TTL)
–	Supply Voltage 0 V	U	Test Input	ENA	Encoder A
~	Supply Voltage (AC Voltage)	Ū	Test Input inverted	ENB	Encoder B
A	Switching Output (NO)	W	Trigger Input	AMIN	Digital output MIN
Ā	Switching Output (NC)	W–	Ground for the Trigger Input	AMAX	Digital output MAX
V	Contamination/Error Output (NO)	O	Analog Output	AOK	Digital output OK
V̄	Contamination/Error Output (NC)	O–	Ground for the Analog Output	SY In	Synchronization In
E	Input (analog or digital)	BZ	Block Discharge	SY OUT	Synchronization OUT
T	Teach Input	AMV	Valve Output	OLT	Brightness output
Z	Time Delay (activation)	a	Valve Control Output +	M	Maintenance
S	Shielding	b	Valve Control Output 0 V	rsv	Reserved
RxD	Interface Receive Path	SY	Synchronization	Wire Colors according to DIN IEC 60757	
TxD	Interface Send Path	SY–	Ground for the Synchronization	BK	Black
RDY	Ready	E+	Receiver-Line	BN	Brown
GND	Ground	S+	Emitter-Line	RD	Red
CL	Clock	⏚	Grounding	OG	Orange
E/A	Output/Input programmable	SnR	Switching Distance Reduction	YE	Yellow
	IO-Link	Rx+/–	Ethernet Receive Path	GN	Green
PoE	ower over Ethernet	Tx+/–	Ethernet Send Path	BU	Blue
IN	Safety Input	Bus	Interfaces-Bus A(+)/B(–)	VT	Violet
OSSD	Safety Output	La	Emitted Light disengageable	GY	Grey
Signal	Signal Output	Mag	Magnet activation	WH	White
BI_D+/–	Ethernet Gigabit bidirect. data line (A-D)	RES	Input confirmation	PK	Pink
EN0 RS422	Encoder 0-pulse 0/0̄ (TTL)	EDM	Contactor Monitoring	GNYE	Green/Yellow
PT	Platinum measuring resistor	ENARS422	Encoder A/Ā (TTL)		

Montaj



Teknik değişiklik yapma hakkı saklıdır V2-26.06.2023