

Connection Line

M12 × 1; 4-pin

S27-10M

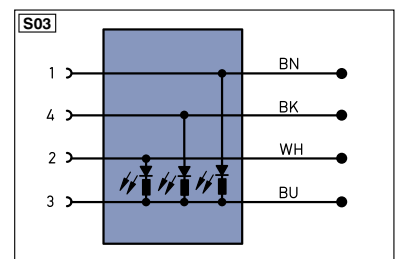
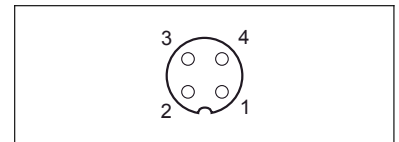
Part Number



Technical Data

Mechanical Data	
Connection 1	Socket, angled
Connection mode 1	M12 × 1, 4-pin
Connection 2	stripped
Torque	M12: 0,6 Nm
Cable Length	10 m
Diameter Cable	5 mm
Wire cross-section	0,34 mm ²
Display	LED
Degree of Protection	IP67
Temperature Range	-5...70 °C
Material Cable Jacket	PVC
Material Wire Isolation	PVC
Material Cap Nut	CuZn, nickel-plated
Packaging unit	1 Piece
Connection Diagram No.	S03
Connection Technology No.	2

● With LED, angled



Legend			
+	Supply Voltage +	PT	Platinum measuring resistor
-	Supply Voltage 0 V	nc	not connected
~	Supply Voltage (AC Voltage)	U	Test Input
~	Switching Output (NO)	Ū	Test Input inverted
A	Switching Output (NC)	W	Trigger Input
Ā	Contamination/Error Output (NO)	Q	Analog Output
V	Contamination/Error Output (NC)	O-	Ground for the Analog Output
∇	Contamination/Error Output (NC)	BZ	Block Discharge
E	Input (analog or digital)	AWV	Valve Output
T	Teach Input	a	Valve Control Output +
Z	Time Delay (activation)	b	Valve Control Output 0 V
S	Shielding	SY	Synchronization
RxD	Interface Receive Path	E+	Receiver-Line
TxD	Interface Send Path	S+	Emitter-Line
RDY	Ready	⊕	Grounding
GND	Ground	SrR	Switching Distance Reduction
CL	Clock	Rx+/-	Ethernet Receive Path
E/A	Output/Input programmable	Tx+/-	Ethernet Send Path
🔌	IO-Link	Bus	Interfaces-Bus A(+)/B(-)
PoE	Power over Ethernet	La	Emitted Light disengageable
IN	Safety Input	Mag	Magnet activation
OSSD	Safety Output	RES	Input confirmation
Signal	Signal Output	EDM	Contactor Monitoring
BI-D+/-	Ethernet Gigabit bidirect. data line (A-D)	EN48542	Encoder A/Ā (TTL)
EN48542	Encoder 0-pulse 0-0̄ (TTL)	EN58542	Encoder B/B̄ (TTL)
		ENa	Encoder A
		ENb	Encoder B
		EN	Digital output MIN
		AMAX	Digital output MAX
		AOk	Digital output OK
		SY in	Synchronization In
		SY OUT	Synchronization OUT
		0:lt	Brightness output
		M	Maintenance
			Wire Colors according to DIN IEC 757
		BK	Black
		BN	Brown
		RD	Red
		OG	Orange
		YE	Yellow
		GN	Green
		BU	Blue
		VT	Violet
		GY	Grey
		WH	White
		PK	Pink
		GNYE	Green/Yellow

Specifications are subject to change without notice