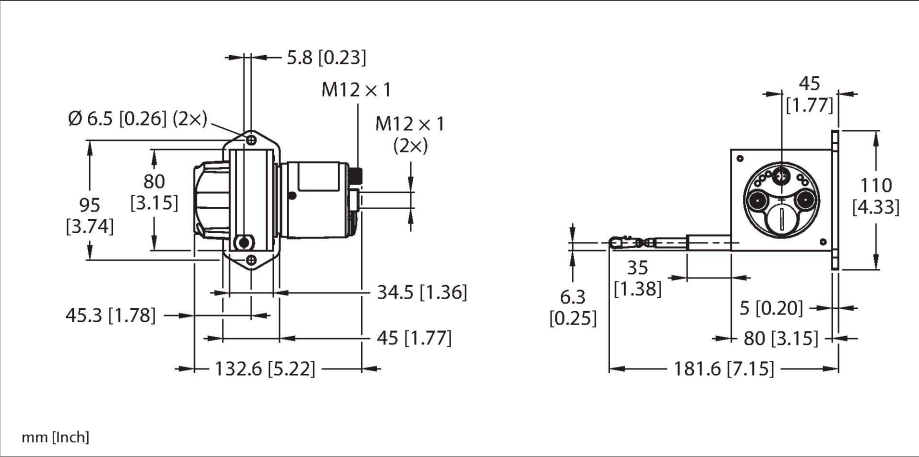


DWE-3000-110-105-9E43B-B3M12

Draw-Wire



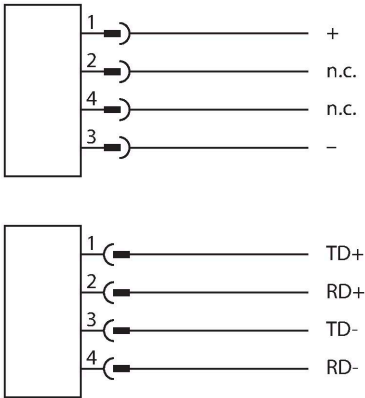
Technical data

Type	DWE-3000-110-105-9E43B-B3M12
ID	100049366
Measuring principle	Optical
General data	
Measuring range	3000 mm
Linearity deviation	≤ 0.05 %
Electrical data	
Operating voltage U _B	10...30 VDC
No-load current	≤ 250 mA
Wire break/reverse polarity protection	yes
Communication protocol	PROFINET
Mechanical data	
Design	Draw Wire
Housing material	Titanium anodized aluminium
Encoder housing material	aluminum
min. extension force	5 N
max.extension force	6.4 N
max. extension speed	10 m/s
Pull acceleration max.	140 m/s ²
wire material	Stainless steel
Electrical connection	Connector, 3 x M12
Environmental conditions	
Ambient temperature	-20...+85 °C
Protection class	IP65
MTTF	19 years

Features

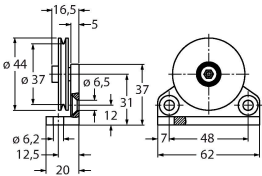
- Highly dynamic draw-wire sensor
- With permanently installed Profinet encoder REM-E-105T10C-9E43B-B3M12
- Measuring principle: optical
- Sensor protection class IP65
- -20...+85 °C
- 10...30 VDC
- PROFINET IO, RT and IRT up to 250 µs
- Encoder profile version 4.2
- Media Redundancy Protocol (MRP)
- Link Layer Discovery Protocol (LLDP)
- Simple Network Management Protocol (SNMP)
- Fast Startup (FSU)
- M12 x 3 connector, 4-pin

Wiring diagram



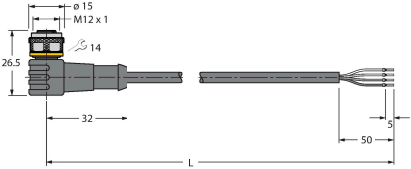
Accessories

RDR-1	1544753
Deflection roller for aluminium draw-wire sensors	



Accessories

Dimension drawing	Type	ID	
	RSSD-RSSD-4422-2M	6635150	Cable for Industrial Ethernet, M12 male connector, D-coded, straight to M12 male connector, D-coded, straight, cable length: 2 m, jacket material: PUR, green
	WSSD-WSSD-4422-2M	6635188	Cable for Industrial Ethernet, M12 male connector, D-coded, angled to M12 male connector, D-coded, angled, cable length: 2 m, jacket material: PUR, green
	RSSD-RJ45S-4422-2M	6635170	Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green
	RSSD-RJ45S-4422-7M	6635579	Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green
	RSSD-RJ45S-4422-8M	6635538	Cable for Industrial Ethernet, M12 male connector, D-coded, straight to RJ45 male connector, straight, cable length: 2 m, jacket material: PUR, green

Dimension drawing	Type	ID	
	RKC4.4T-2/TXL	6625503	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PUR, black; cULus approval
	WKC4.4T-2/TXL	6625515	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PUR, black; cULus approval