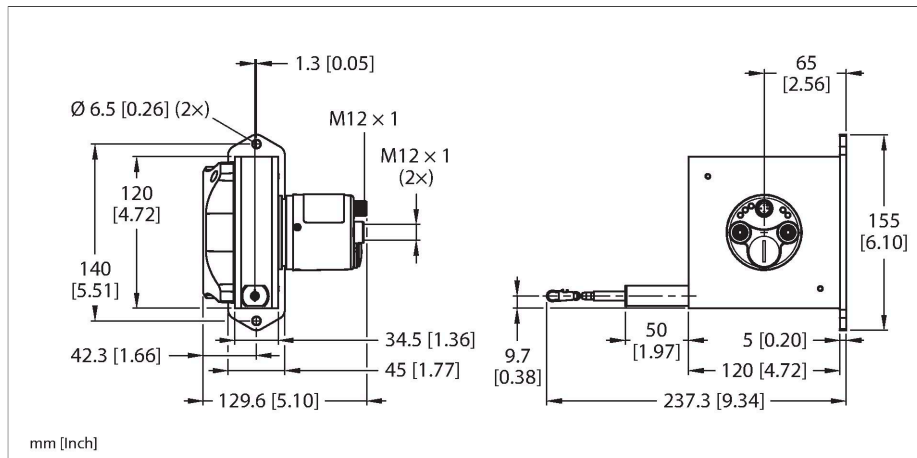


DWE-5000-155-105-9E43B-B3M12

Draw-Wire



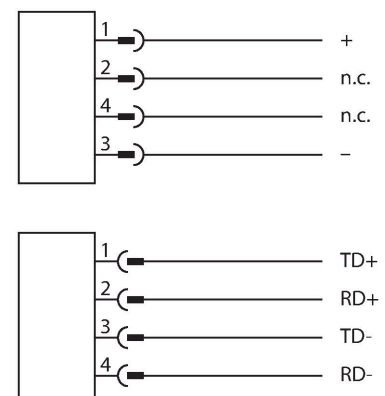
Technical data

Type	DWE-5000-155-105-9E43B-B3M12
ID	100049389
Measuring principle	Optical
General data	
Measuring range	5000 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	8.8 N
max. extension force	12.3 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

