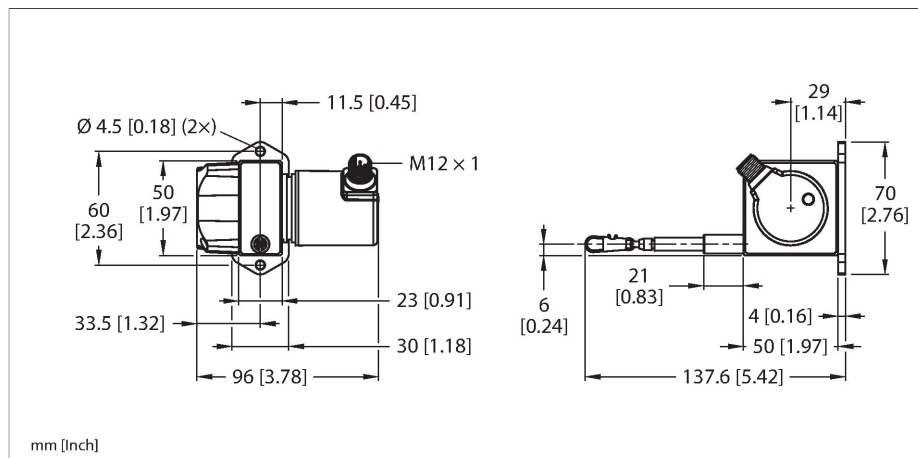


DWE-1000-70-101-9D38B-H1151

Draw-Wire



Technical data

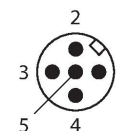
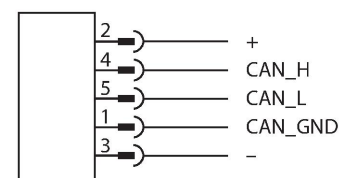
Type	DWE-1000-70-101-9D38B-H1151
ID	100049343
Measuring principle	Magnetic
General data	
Measuring range	1000 mm
Linearity deviation	≤ 0.05 %
Electrical data	
Operating voltage U_B	10...30 VDC
No-load current	≤ 90 mA
Short-circuit protection	yes
Wire break/reverse polarity protection	yes
Communication protocol	CANopen
Interface	CAN High-Speed in accordance with ISO 11898, basic and full CAN, CAN specification 2.0 B
Node ID	1...127 mit Software konfigurierbar
Baud rate	10...1000 kbps can be configured using software
Mechanical data	
Design	Draw Wire
Housing material	Titanium anodized aluminium
Encoder housing material	Die-cast zinc
min. extension force	2.8 N
max. extension force	4 N
max. extension speed	8 m/s
Pull acceleration max.	150 m/s ²
wire material	Stainless steel
Electrical connection	Connector, M12 × 1



Features

- Compact, highly dynamic draw-wire sensor
- With permanently installed CANopen encoder from the REM-101 product series
- Measuring principle: magnetic
- Sensor protection class IP65
- -20...+85 °C
- 10...30 VDC
- CANopen
- M12 × 1 connector, 5-pin

Wiring diagram



Technical data

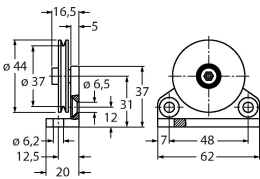
Environmental conditions	
Ambient temperature	-20...+85 °C
Protection class	IP65

Mounting instructions

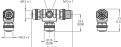
Mounting instructions/Description	
	CANbus connection The CANopen encoders are equipped with an M12 male connector and can be terminated in the device. The devices are not equipped with an integrated T-coupler and looped-through bus and should therefore be used only as end devices (see also Accessories).

Accessories

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



Accessories

Dimension drawing	Type	ID	
	FSM-2FKM57	6622101	CANopen/DeviceNet/power supply T-splitter, 1 × M12 male connector, 2 × M12 female connector, 5-pin
	RKC5701-5M	6931034	Bus cable for CAN (DeviceNet, -CANopen), M12 female connector, straight, cable length: 5 m, jacket material: PUR, anthracite; cULus approval