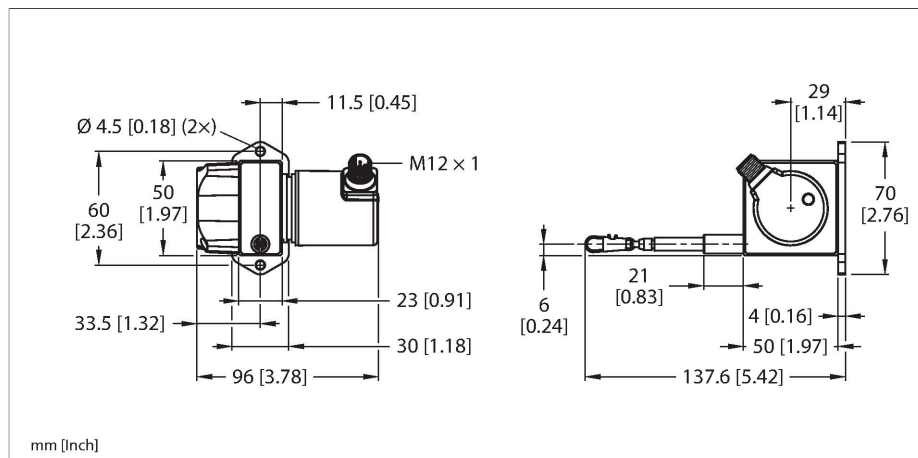


DWE-1000-70-190-IOL32B-H1141

Draw-Wire



Technical data

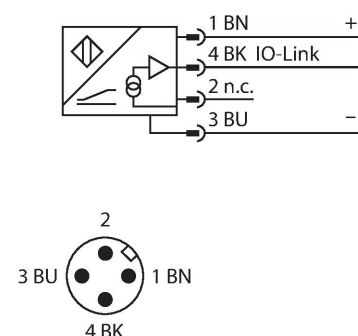
Type	DWE-1000-70-190-IOL32B-H1141
ID	100049347
Measuring principle	Magnetic
General data	
Measuring range	1000 mm
Linearity deviation	≤ 0.05 %
Electrical data	
Operating voltage U_B	18...30 VDC
No-load current	≤ 40 mA
Short-circuit protection	yes
Wire break/reverse polarity protection	yes
Communication protocol	IO-Link
Output function	4-pin
IO-Link	
IO-Link specification	V 1.1
Programming	FDT/DTM
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 IO-Link encoder from the REM-190 product series
- Measuring principle: magnetic
- Sensor protection class IP65
- -20...+85 °C
- 18...30 VDC
- M12 × 1 connector, 4-pin

Wiring diagram



Technical data

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

Accessories

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

