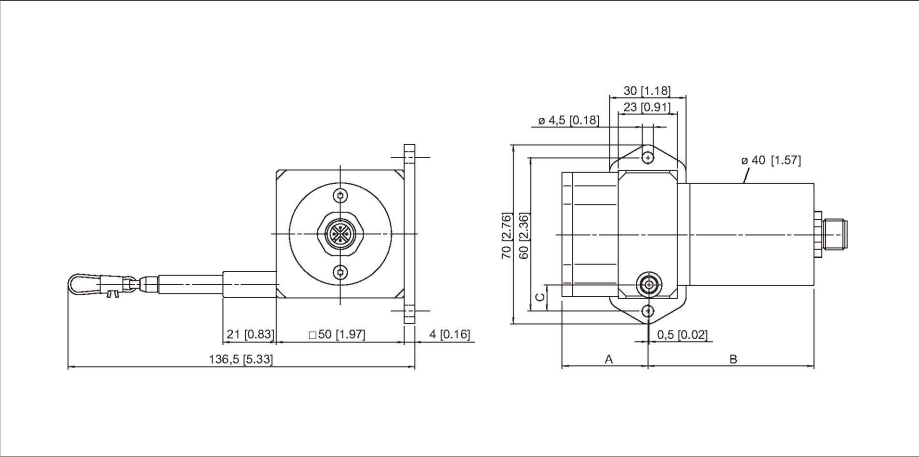


DW250-70-7E-H1441

Draw-Wire



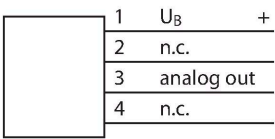
Technical data

Type	DW250-70-7E-H1441
ID	1544531
Remark to product	Turck description modified: previously DW...-H1141
General data	
Measuring range	250 mm
Linearity deviation	≤ 0.1 %
Output type	Analog
Electrical data	
Operating voltage U _B	12...30 VDC
Wire break/reverse polarity protection	yes
Output function	4-pin, Analog output
Current output	4...20 mA
Mechanical data	
Design	Draw Wire
Housing material	Titanium anodized aluminium
min. extension force	6.8 N
max.extension force	7.9 N
max. extension speed	8 m/s
Pull acceleration max.	200 m/s ²
wire material	Stainless steel
Electrical connection	Connector, M12 × 1
Environmental conditions	
Ambient temperature	-20...+60 °C
Protection class	IP65

Features

- Measuring range up to 250 mm
- M12 connector
- Protection class: IP65 (Encoder)
- Analog output, 4...20 mA
- Supply voltage 12...30 VDC

Wiring diagram



Signal	+U _B	-	Analog out	-	-	-	-	-	-
Pin configuration	1	2	3	4	-	-	-	-	-

Accessories

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

