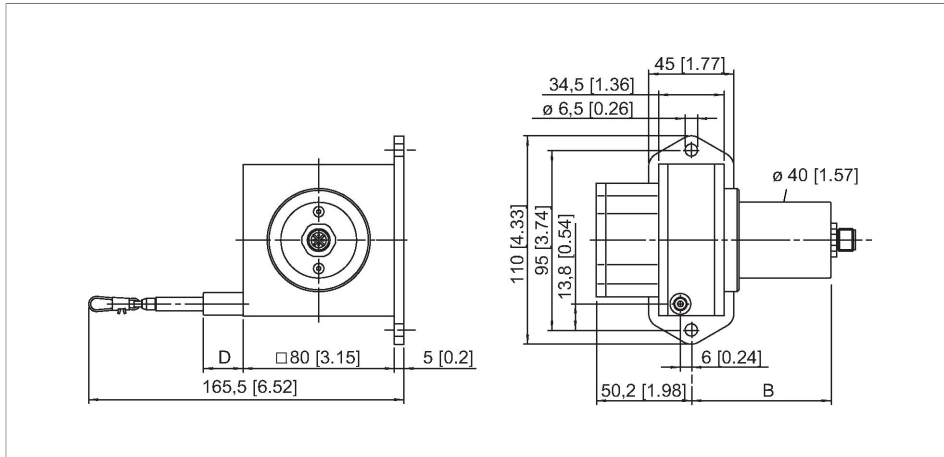


DW3000-110-8C-H1441

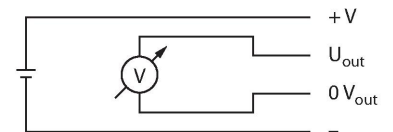
Draw-Wire



Features

- Measuring range up to 3000 mm
- M12 connector
- Measuring principle: potentiometer
- Protection class: IP65 (Encoder)
- Analog output, 0...10V
- Supply voltage 12...30 VDC

Wiring diagram



Technical data

Type	DW3000-110-8C-H1441
ID	1544547
Measuring principle	Potentiometer
General data	
Measuring range	3000 mm
Linearity deviation	≤ 0.1 %
Electrical data	
Operating voltage U_B	12...30 VDC
No-load current	≤ 22.5 mA
Short-circuit protection	yes
Wire break/reverse polarity protection	yes
Output function	4-wire, Analog output
Voltage output	0...10 V
Current consumption	22,5 mA
Mechanical data	
Design	Draw Wire
Housing material	Titanium anodized aluminium
min. extension force	6.9 N
max. extension force	9.8 N
max. extension speed	10 m/s
Pull acceleration max.	140 m/s ²
wire material	Stainless steel
Electrical connection	Connector, M12 × 1

Technical data

Environmental conditions	
Ambient temperature	-20...+60 °C
Protection class	IP65

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

Accessories

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

