

Draw Wire Encoder

- Measuring strokes 500 - 1000 - 1500 - 2000 - 2500 - 3000 - 3500 - 3600 mm
- Incremental 50 μ m / 25 μ m resolution
- Push-Pull, TTL Linedriver or HTL Linedriver
- Easy mounting
- High protection degree

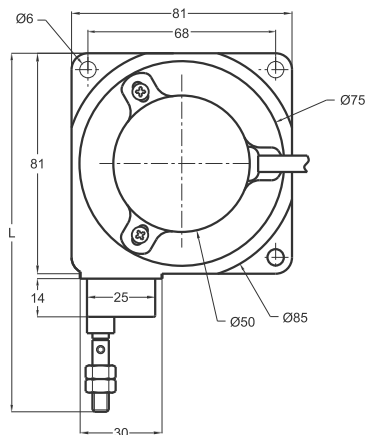
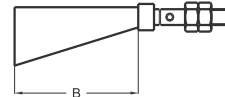
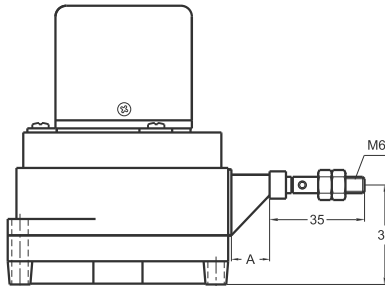
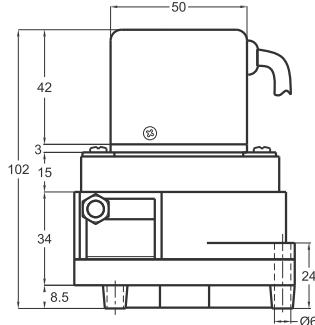
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Technical Specifications

Type of Measurement	Optical
Resolution	0,1 mm/ppr - 0,2 mm/ppr.
Measurement Stroke	500 to 3600 mm
Output Signal	A,B,Z or A $\bar{A}$, B $\bar{B}$, Z $\bar{Z}$
Output Signal Type	Push-Pull, TTL Linedriver or HTL Linedriver
Supply Voltage	8 - 24 VDC, 5 VDC or 5 - 30 VDC
Power Consumption (without load)	< 40 mA (24 VDC)
Electrical Connections	2.5 m cable (standard)
IP Degree	IP 54
Case Material	Aluminium / Steel / ABS plastic
Operating Temperature	-20°C ... +80°C
Storage Temperature	-30°C ... +90°C



	Measurement Stroke	L
A 14 mm	2500 mm	132
B 50 mm	From 2500 up to 3500 mm	168

Push-Pull Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray

TTL - HTL Linedriver Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray
Ch A inv. : Blue
Ch B inv. : Red
Ch Z inv. : Pink

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Model	Measurement Stroke	Output	Resolution	Output Signal	Connector / Cable	Cable Output
(example) DWE	1500	LTP	P2000	Z	2M5	R
DWE	500 mm 3000 mm 1000 mm 3500 mm 1500 mm 3600 mm 2000 mm 2500 mm	LTP : Pushpull TTL : TTL Linedriver HLD : High Linedriver	P2000: 0,1 mm/puls P1000: 0,2 mm/puls P500 : 0,4 mm/puls	Z: A,B,Z B: A,B	2M5: 2,5 meter cable 5M : 5 meter cable 8M : 8 meter cable 10M: 10 meter cable	R: Radial A: Axial