

Magnetostrictive Sensors
BTL5-H114-M0200-B-S94
Order Code: BTL00WL



Material

Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material flange	1.3952 stainless steel
O-ring material	FKM
Protection tube material	1.4571 stainless steel

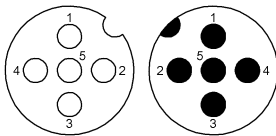
Range/Distance

Non-linearity max.	±30 µm
Repeat accuracy	± 1 LSB
Reproducibility	±1 LSB
Resolution	≤ 5 µm
Resolution min., traverse speed	0.1 mm/s
Sampling rate, length-dependent	1 kHz, standard

Mechanical data

Mounting part	Threaded flange M18x1.5
Null point	30.0 mm
Pressure rating max.	600 bar
Protection tube diameter	10.2 mm

Connector Drawings



Wiring Diagrams

Pin	
1	CAN_GND
2	+24 V DC
3	GND
4	CAN_HIGH
5	CAN_LOW