

Magnetostrictive Sensors
BTL7-E170-M0150-B-S32
Order Code: BTL0707

BALLUFF

Material

Cover material	Aluminium, Die-cast, nickel plated
Housing material	Aluminium, Anodized
Housing material, surface protection	Anodized
Material flange	1.3960 stainless steel
O-ring material	FKM
Plug material	1.4571 stainless steel
Protection tube material	1.4571 stainless steel

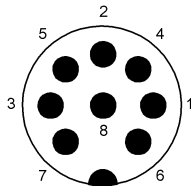
Mechanical data

Installation length from contact surface	240 mm
Null point	30.0 mm
Pressure rating max.	600 bar
Protection tube diameter	10.2 mm
Tightening torque max.	100 Nm

Range/Distance

Measuring length	150 mm
Non-linearity max.	±50 µm
Repeat accuracy	± 5 µm
Sampling frequency max.	4000 Hz

Connector Drawings



Wiring Diagrams

Pin	
1	20...4 mA
2	0V
3	NC
4	La
5	NC
6	GND
7	+24 V DC
8	Lb