

Overview

- 0 ... 2 mm
- current output
- connector M8
- 10 ... 60 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Quasi-flush
Measuring distance Sd	0 ... 2 mm
Resolution	< 0.001 mm (stat.) < 0.005 mm (dynam.)
Repeat accuracy	0.02 mm
Linearity error	± 100 µm
Temperature drift	± 5 % (Full Scale)

Electrical data

Response time (factory characteristic)	< 0.7 ms
Voltage supply range +Vs	15 ... 30 VDC
Current consumption max. (no load)	35 mA
Output circuit	Analog 0 ... 10 mA

Electrical data

Load resistance +Vs min.	< 910 Ohm
Load resistance +Vs max.	< 2400 Ohm
Short circuit protection	Yes
Reverse polarity protection	Yes

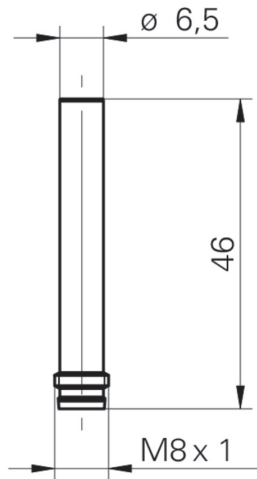
Mechanical data

Design	Cylindrical smooth
Material (sensing face)	PBT
Housing material	Stainless steel
Dimension	6.5 mm
Housing length	46 mm
Connection types	Connector M8

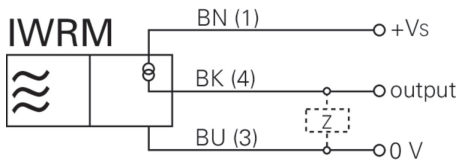
Ambient conditions

Operating temperature	10 ... +60 °C
Protection class	IP 67

Dimension drawing



Connection diagram



Accessories

Mounting accessories

10109474	10109474
10117742	10117742