

Overview

- 0 ... 2 mm
- voltage 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)	25 mA
Output circuit	Voltage output

Electrical data

Output signal	0 ... 10 VDC
Load resistance	> 1000 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

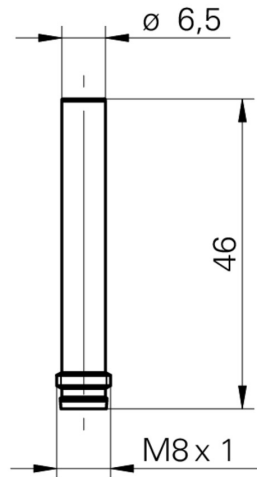
Operating temperature	10 ... +60 °C
Protection class	IP 67

IWRM 06U9501/S35

Inductive distance sensors

Article number: 10145393

Dimension drawing



Connection diagram

