

Overview

- 0 ... 3 mm
- voltage output
- cable, 2 m
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Quasi-flush
Measuring distance Sd	0 ... 3 mm
Resolution	< 0.001 mm (stat.) < 0.01 mm (dynam.)
Repeat accuracy	0.02 mm
Linearity error	< 270 µm (S = 0,2 ... 1,7 mm) < 150 ... 900 µm (S = 0 ... 3 mm)
Temperature drift	± 4 % (Full Scale: 0 ... +60 °C) ± 6 % (Full Scale: -25 ... +75 °C)

Electrical data

Response time (factory characteristic)	< 0.5 ms
Voltage supply range +Vs	12 ... 36 VDC
Current consumption max. (no load)	10 mA

Electrical data

Output circuit	Voltage output
Output signal	0 ... 10 VDC
Load resistance	> 4000 Ohm
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

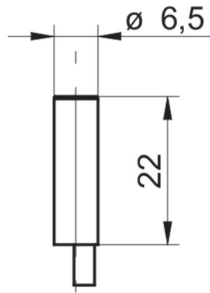
Design	Cylindrical smooth
Material (sensing face)	PBT
Housing material	Stainless steel
Dimension	6.5 mm
Housing length	22 mm
Connection types	Cable, L=2 m

Ambient conditions

Operating temperature	-25 ... +75 °C
Protection class	IP 67

2023-08-30 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

Dimension drawing



Connection diagram

