

**Overview**

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



Picture similar



**Technical data**

**General data**

Mounting type	Quasi-flush
Special type	Linearized
Measuring distance Sd	0 ... 3 mm
Sensitivity	3,33 V/mm
Resolution	< 0.003 mm (stat.) < 0.009 mm (dynam., S = 0 ... 2 mm) < 0.018 mm (dynam., S = 0 ... 3 mm)
Repeat accuracy	0.01 mm
Linearity error	± 15 µm (S = 0 ... 2 mm) ± 90 µm (S = 0 ... 3 mm)
Temperature drift	± 2 % (Full Scale: S = 0 ... 2 mm) ± 6 % (Full Scale: S = 0 ... 3 mm)

**Electrical data**

Response time (factory characteristic)	< 2 ms
Voltage supply range +Vs	12 ... 30 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	40 mm
Connection types	Cable, L=2 m

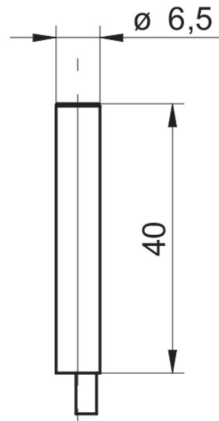
**Ambient conditions**

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

**Remarks**

- Linear analog output

## Dimension drawing



## Connection diagram

