

Overview

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



Picture similar



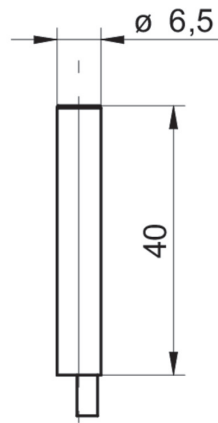
Technical data

General data		Electrical data	
Mounting type	Quasi-flush	Current consumption max. (no load)	10 mA
Special type	Linearized	Output circuit	Voltage output
Measuring distance Sd	0 ... 3 mm	Output signal	0 ... 10 VDC
Sensitivity	3,33 V/mm	Load resistance	> 4000 Ohm
Resolution	< 0,003 mm (stat.) < 0,009 mm (dynam., S = 0 ... 2 mm) < 0,018 mm (dynam., S = 0 ... 3 mm)	Short circuit protection	Yes
Repeat accuracy	< 0,01 mm	Reverse polarity protection	Yes
Linearity error	± 15 µm (S = 0 ... 2 mm) ± 90 µm (S = 0 ... 3 mm)	Mechanical data	
Temperature drift	± 2 % (Full Scale; S = 0 ... 2 mm) ± 6 % (Full Scale; S = 0 ... 3 mm)	Type	Cylindrical smooth
Electrical data		Housing material	Stainless steel
Response time (factory characteristic)	< 2 ms	Dimension	6,5 mm
Voltage supply range +Vs	12 ... 30 VDC	Housing length	40 mm
		Connection types	Cable, 2 m
		Ambient conditions	
		Operating temperature	-25 ... +75 °C
		Protection class	IP 67

Remarks

- Linear analog output

Dimension drawing



Connection diagram

