

Overview

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



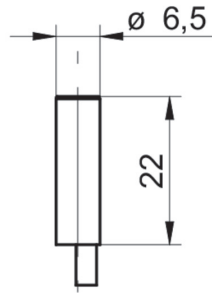
Picture similar



Technical data

General data		Electrical data	
Mounting type	Quasi-flush	Output circuit	Voltage output
Measuring distance Sd	0 ... 3 mm	Output signal	0 ... 10 VDC
Resolution	< 0,001 mm (stat.) < 0,01 mm (dynam.)	Load resistance	> 4000 Ohm
Repeat accuracy	< 0,02 mm	Short circuit protection	Yes
Linearity error	< 270 µm (S = 0,2 ... 1,7 mm) - 150 ... 900 µm (S = 0 ... 3 mm)	Reverse polarity protection	Yes
Temperature drift	± 4 % (Full Scale; 0 ... +60 °C) ± 6 % (Full Scale; -25 ... +75 °C)	Mechanical data	
Electrical data		Type	Cylindrical smooth
Response time (factory characteristic)	< 0,5 ms	Housing material	Stainless steel
Voltage supply range +Vs	12 ... 36 VDC	Dimension	6,5 mm
Current consumption max. (no load)	10 mA	Housing length	22 mm
		Connection types	Cable, 2 m
		Ambient conditions	
		Operating temperature	-25 ... +75 °C
		Protection class	IP 67

Dimension drawing



Connection diagram

