

Overview

- 0 ... 2 mm
- voltage output
- connector M8
- -10 ... 70 °C
- IP 67



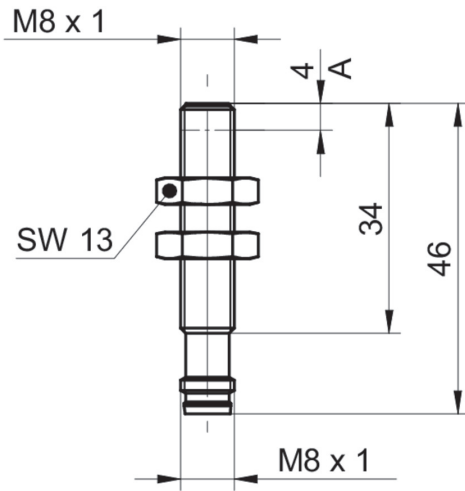
Picture similar



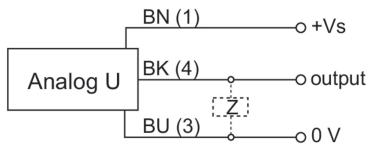
Technical data

General data		Electrical data	
Mounting type	Flush	Output signal	0 ... 10 VDC
Measuring distance Sd	0 ... 2 mm	Load resistance	> 4000 Ohm
Resolution	< 0.001 mm (stat.) < 0.005 mm (dynam.)	Short circuit protection	Yes
Repeat accuracy	0.02 mm	Reverse polarity protection	Yes
Linearity error	± 60 µm (S = 0,5 ... 1,5 mm) ± 140 µm (S = 0 ... 2 mm)	Mechanical data	
Temperature drift	± 3 % (Full Scale: 0 ... +60 °C) ± 5 % (Full Scale: -10 ... +70 °C)	Design	Cylindrical threaded
Electrical data		Material (sensing face)	PBT
Response time (factory characteristic)	< 0.5 ms	Housing material	Stainless steel
Voltage supply range +Vs	12 ... 36 VDC	Dimension	8 mm
Current consumption max. (no load)	10 mA	Housing length	46 mm
Output circuit	Voltage output	Connection types	Connector M8
		Tightening torque max.	10 Nm (A: 7 Nm)
		Ambient conditions	
		Operating temperature	-10 ... +70 °C
		Protection class	IP 67

Dimension drawing



Connection diagram



Pin assignment

