

**Overview**

- 0 ... 3 mm
- voltage output
- connector M8
- -10 ... 70 °C
- IP 67



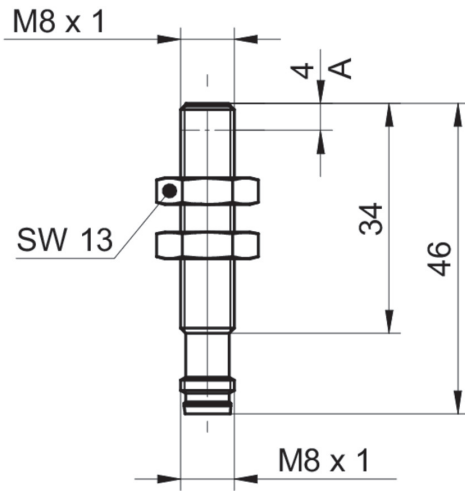
Picture similar



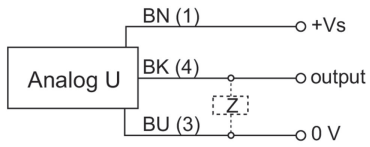
**Technical data**

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	± 120 µm (S = 0,75 ... 2,25 mm) ± 360 µm (S = 0 ... 3 mm)	Reverse polarity protection	Yes
Temperature drift	± 4 % (Full Scale; 0 ... +60 °C) ± 6 % (Full Scale; -10 ... +70 °C)	Mechanical data	
Electrical data		Type	Cylindrical threaded
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
		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**

