

**Overview**

- 20 ... 1000 mm
- voltage output
- qTeach, line-Teach
- connector M12 5 pin
- -25 ... 65 °C
- IP 69



Picture similar

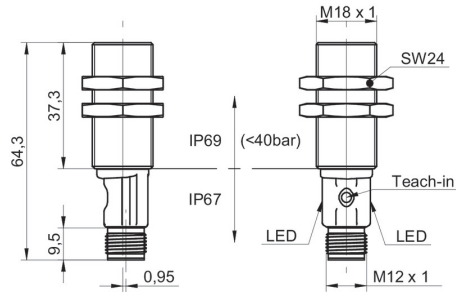


**Technical data**

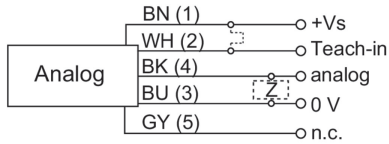
General data		Electrical data	
Scanning range Sd	20 ... 1000 mm	Output circuit	Voltage output
Scanning range close limit Sdc	20 ... 1000 mm	Output signal	0 ... 10 V / 10 ... 0 V
Scanning range far limit Sde	20 ... 1000 mm	Residual ripple	< 10 % Vs
Repeat accuracy	0.5 mm	Short circuit protection	Yes
Resolution	< 0.3 mm	Reverse polarity protection	Yes, Vs to GND
Response time ton	< 40 ms	Mechanical data	
Release time toff	< 40 ms	Type	Cylindrical threaded
Temperature drift	< 2 % of distance to target So	Housing material	Stainless steel (V2A) / TR90
Power-up drift	Compensated after 15 min.	Coating active face	PEEK
Sonic frequency	200 kHz	Width / diameter	18 mm
Adjustment	qTeach, line-Teach	Height / length	64 mm
Light indicator	LED yellow	Connection types	Connector M12 5 pin
Power on indication	LED green	Ambient conditions	
Alignment measuring axis	< 2°	Operating temperature	-25 ... +65 °C
Electrical data		Storage temperature	-40 ... +75 °C
Voltage supply range +Vs	12 ... 30 VDC	Protection class	IP 69
Current consumption typ.	35 mA	Protection class (connection)	IP 67

2021-12-15 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

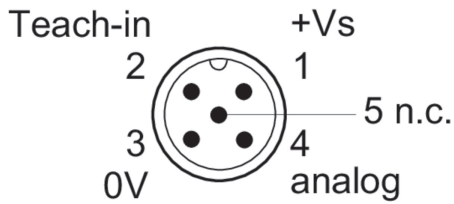
**Dimension drawing**



**Connection diagram**



**Pin assignment**



**Typical sonic cone profile**

