

Overview

- Best measuring performance due to precise measuring principle
- Simple teach-in via qTeach or line teach
- Shortest blind zone in its class
- High performance in compact housing



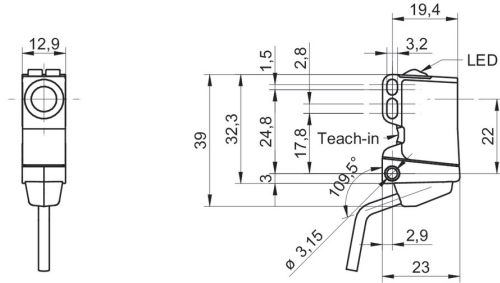
Picture similar



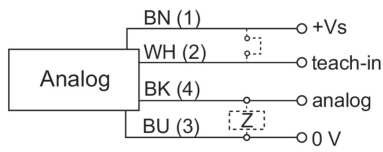
Technical data

General data		Electrical data	
Scanning range Sd	15 ... 500 mm	Current consumption typ.	35 mA
Scanning range close limit Sdc	15 ... 500 mm	Output circuit	Voltage output
Scanning range far limit Sde	15 ... 500 mm	Output signal	0 ... 10 V / 10 ... 0 V
Repeat accuracy	0.5 mm	Residual ripple	< 10 % Vs
Resolution	< 0.3 mm	Short circuit protection	Yes
Response time ton	< 40 ms	Reverse polarity protection	Yes, Vs to GND
Release time toff	< 40 ms	Mechanical data	
Temperature drift	> 50 mm < 2 % of distance to target Sde	Type	Rectangular
Power-up drift	Compensated after 15 min.	Housing material	Plastic (ASA, PMMA)
Sonic frequency	290 kHz	Width / diameter	12.9 mm
Adjustment	qTeach, line-Teach	Height / length	32.2 mm
Light indicator	LED yellow	Depth	23 mm
Power on indication	LED green	Connection types	Cable 4 pin, 2 m
Alignment measuring axis	< 2°	Ambient conditions	
Electrical data		Operating temperature	-25 ... +65 °C
Voltage supply range +Vs	12 ... 30 VDC	Storage temperature	-40 ... +75 °C
		Protection class	IP 67

Dimension drawing



Connection diagram



Typical sonic cone profile

