

**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**

Scanning range Sd	15 ... 500 mm
Scanning range close limit Sdc	15 ... 500 mm
Scanning range far limit Sde	15 ... 500 mm
Repeat accuracy	0.5 mm
Resolution	< 0.3 mm
Response time ton	< 40 ms
Release time toff	< 40 ms
Temperature drift	< 2 % of distance to target So
Power-up drift	Compensated after 15 min.
Sonic frequency	290 kHz
Adjustment	qTeach, line-Teach
Light indicator	LED yellow
Power on indication	LED green
Alignment measuring axis	< 2°

**Electrical data**

Voltage supply range +Vs	12 ... 30 VDC
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**Electrical data**

Current consumption typ.	35 mA
Output circuit	Voltage output
Output signal	0 ... 10 V / 10 ... 0 V
Residual ripple	< 10 % Vs
Short circuit protection	Yes
Reverse polarity protection	Yes, Vs to GND

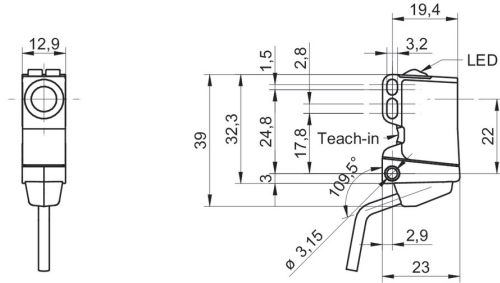
**Mechanical data**

Type	Rectangular
Housing material	Plastic (ASA, PMMA)
Width / diameter	12.9 mm
Height / length	32.2 mm
Depth	23 mm
Connection types	Cable

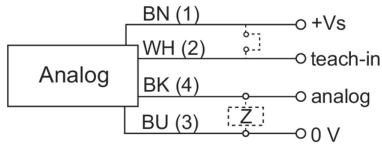
**Ambient conditions**

Operating temperature	-25 ... +65 °C
Storage temperature	-40 ... +75 °C
Protection class	IP 67

**Dimension drawing**



**Connection diagram**



**Typical sonic cone profile**

