

Overview

- emitter
- through beam sensor
- 40 m
- pulsed red laser diode
- connector M8 4 pin
- -10 ... 60 °C
- IP 68/69K & proTect+



Picture similar



Technical data

General data

Type	Through beam sensor
Special type	Washdown design
Emitter / receiver	Emitter
Light source	Pulsed red laser diode
Actual range Sb	40 m
Nominal range Sn	75 m
Power on indication	LED green
Laser class	1
Distance to focus	Parallel beam
Wave length	656 nm
Alignment optical axis	< 2°
Approvals/certificates	Ecolab

Electrical data

Voltage supply range +Vs	11 ... 30 VDC
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Electrical data

Current consumption max. (no load)	30 mA
Current consumption typ.	25 mA
Reverse polarity protection	Yes

Mechanical data

Width / diameter	16,5 mm
Height / length	34,7 mm
Depth	28,2 mm
Type	Rectangular
Housing material	Stainless steel 1.4404 (V4A)
Front (optics)	PMMA
Connection types	Connector M8 4 pin

Ambient conditions

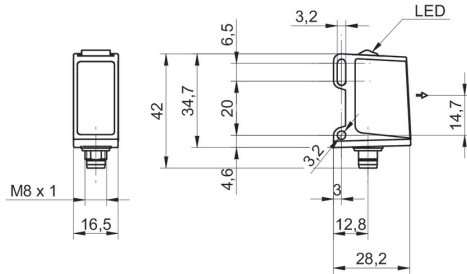
Operating temperature	-10 ... +60 °C
Protection class	IP 68/69K & proTect+

O300W.TL-ZZZZ.PVN

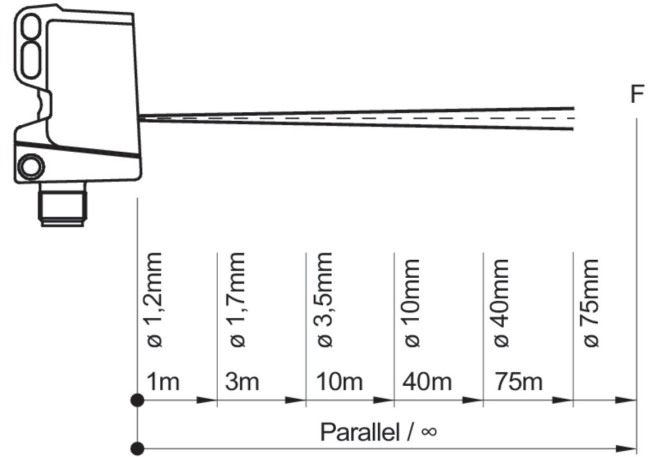
Through beam sensors - washdown

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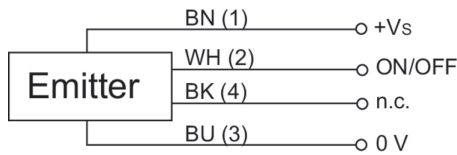
Dimension drawing



Beam characteristic (typically)



Connection diagram

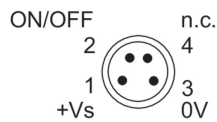


Laser warning

**CLASS 1 LASER
PRODUCT**

IEC 60825-1/2014
Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019

Pin assignment



Excess gain curve

