

Overview

- retro-reflective sensor
- 5 m
- pulsed PinPoint LED
- push-pull
- qTeach / remote
- connector M8 4 pin
- 25 ... 60 °C
- IP 68/69K & proTect+



Picture similar



Technical data

General data

Type	Retro-reflective sensor
Special type	Washdown design
Light source	Pulsed PinPoint LED
Actual range Sb	5 m
Nominal range Sn	6 m
Polarization filter	Yes
Light indicator	LED yellow
Power on indication	LED green
Sensitivity adjustment	qTeach / remote
Wave length	630 nm
Suppression of reciprocal influence	Yes
Alignment optical axis	< 2°
Approvals/certificates	Ecolab

Electrical data

Response time / release time	< 0,49 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	35 mA

Electrical data

Current consumption typ.	25 mA
Voltage drop Vd	< 3 VDC
Output function	Light / dark operate
Output circuit	Push-pull
Output current	< 100 mA
Short circuit protection	Yes
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	-25 ... +60 °C
Protection class	IP 68/69K & proTect+

Remarks

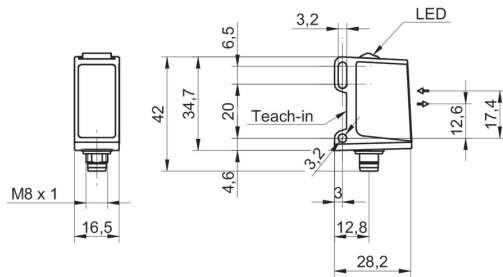
- qTeach

O300W.RP-GW1B.PVN

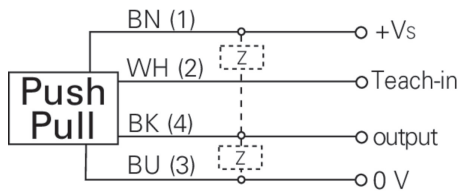
Retro-reflective sensors - washdown

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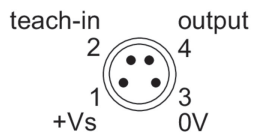
Dimension drawing



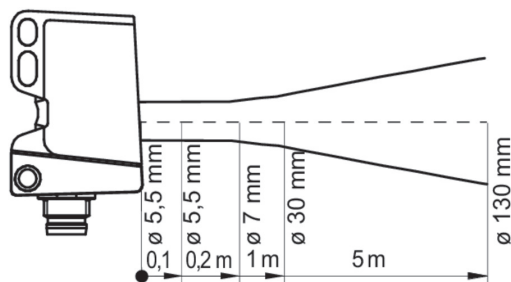
Connection diagram



Pin assignment



Beam characteristic (typically)



Excess gain curve

