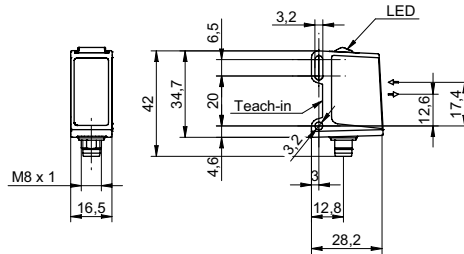


Retro-reflective sensors

O300W.RP-11127720

dimension drawing



general data

type	retro-reflective sensor
special type	Washdown design
light source	pulsed PinPoint LED
actual range S_b	5 m
nominal range S_n	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	$< 2^\circ$
approvals/certificates	Ecolab

electrical data

response time / release time	$< 0,49$ ms
voltage supply range $+V_s$	10 ... 30 VDC
current consumption max. (no load)	35 mA
current consumption typ.	25 mA
voltage drop V_d	< 3 VDC
output function	light / dark operate
output circuit	push-pull
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

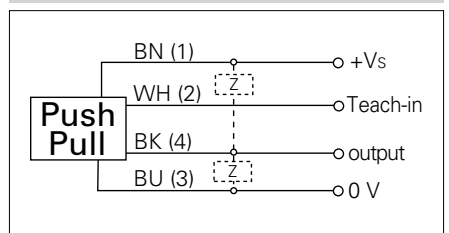
mechanical data

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

photo



connection diagram


proTect⁺


• qTeach

Retro-reflective sensors**O300W.RP-11127720****ambient conditions**

operating temperature	-25 ... +60 °C
protection class	IP 68/69K & proTect+