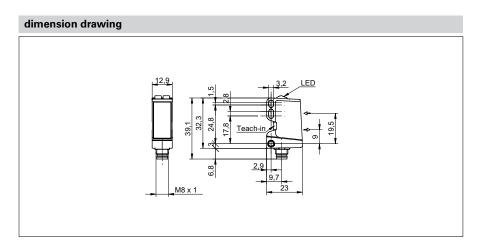
Diffuse sensors with intensity difference

O300.ZL-11181089



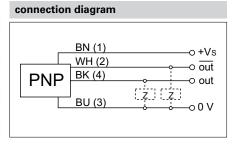
general data	
type	intensity difference
light source	pulsed red laser diode
sensing distance Tw	10 250 mm
repeat accuracy	< 0,1 mm at laser focus
power on indication	LED green
light indicator	LED yellow
sensing distance adjustment	qTeach
laser class	1
distance to focus	80 mm
wave length	656 nm
suppression of reciprocal influence	yes
alignment optical axis	< 2°

electrical data	
response time / release time	< 0,1 ms
voltage supply range +Vs	11 30 VDC
current consumption max. (no load)	30 mA
current consumption typ.	25 mA
voltage drop Vd	< 2,5 VDC
output function	light / dark operate
output circuit	PNP complementary
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
width / diameter	12,9 mm
height / length	32,3 mm
depth	23 mm
type	rectangular
housing material	plastic (ASA, PMMA)
front (optics)	PMMA
connection types	connector M8 4 pin

ambient conditions	
operating temperature	-25 +60 °C
protection class	IP 67













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