

O200.GL-PV1T.72CV/F040_H006

Article number: 11231140

overview

- Outstanding reliability and unrivalled immunity against ambient light
- Focused laser beam for small objects or gaps
- qTeach tamper-proof, simple teach-in with ferromagnetic tool
- Quick mounting by means of M3 threaded bushes made of stainless steel







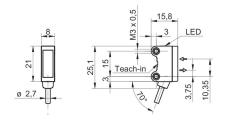
Technical data	
general data	
type	background suppression
light source	pulsed red laser diode
sensing distance Tw	20 120 mm
sensing range Tb	3 132 mm
smallest object recogniz- able typ.	0,05 mm at 40 mm
alignment / soiled lens indicator	flashing output indicator
power on indication	LED green
output indicator	LED yellow
sensing distance adjust- ment	qTeach
laser class	1
distance to focus	40 mm
wave length	680 nm
suppression of reciprocal influence	yes
beam type	point
alignment optical axis	< 1,5°
electrical data	
response time / release time	≤ 0,5 ms
jitter	≤ 0,12 ms

electrical data	
voltage supply range +Vs	10 30 VDC
current consumption max. (no load)	20 mA (@ 10 VDC)
current consumption typ.	10 mA (@ 24 VDC)
voltage drop Vd	< 2 VDC
output function	light / dark operate
output circuit	PNP complementary
output current	< 50 mA
short circuit protection	yes
reverse polarity protection	yes
mechanical data	
width / diameter	8 mm
height / length	25,1 mm
depth	15,8 mm
type	rectangular
mechanical mounting	threaded sleeves M3 (stainless steel)
housing material	plastic (ASA, PMMA)
front (optics)	PMMA
connection types	cable 4 pin, 2 m
cable characteristics	PVC / PVC 4 x 0,08 mm ²
ambient conditions	
operating temperature	-20 +50 °C
protection class	IP 67

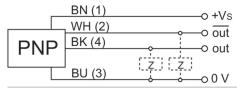
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dimension drawing



connection diagram



laser warning

CLASS 1 LASER PRODUCT

IEC 60825-1/2014
Complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to laser
notice No. 50, dated June 24, 2007

