O200.ZR-NV1T.72CV/E026

Article number: 11231249

overview

- Reliable intensity-based object detection
- qTeach tamper-proof, simple teach-in with ferromagnetic tool
 Robust housing with stainless steel spacer sleeves







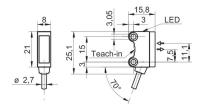
Technical data	
general data	
type	intensity difference
light source	pulsed red LED
sensing distance Tw	20 200 mm
smallest object recogniz- able typ.	2 mm at 100 mm
alignment / soiled lens in- dicator	flashing output indicator
power on indication	LED green
output indicator	LED yellow
sensing distance adjust- ment	qTeach
wave length	644 nm
suppression of reciprocal influence	yes
beam type	point
alignment optical axis	< 1,5°
electrical data	
response time / release time	< 0,25 ms
jitter	< 0,06 ms
voltage supply range +Vs	10 30 VDC
current consumption max. (no load)	40 mA (@ 10 VDC)

electrical data	
current consumption typ.	16 mA (@ 24 VDC)
voltage drop Vd	< 2 VDC
output function	light / dark operate
output circuit	NPN 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	sleeve smooth (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	-25 +50 °C
protection class	IP 67

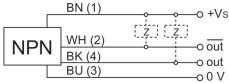
O200.ZR-NV1T.72CV/E026

Article number: 11231249

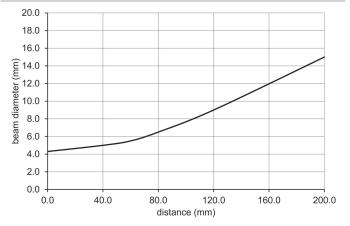
dimension drawing



connection diagram



beam characteristic (typically)



relative receiving signal

