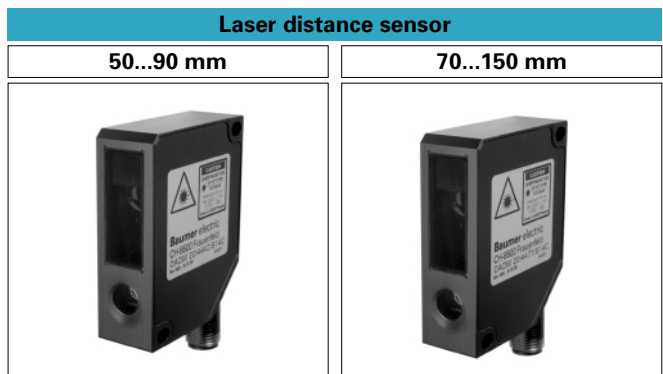


Laser distance sensor Type OADM



output 4-20 mA

connector
OADM 20I2441/S14C

connector
OADM 20I2451/S14C

technical data
measuring range
resolution (white paper)
linearity error (white paper)
response time
sensing element
analog output
alarm output
max. switching current
power indicator
soiled lens indicator
voltage supply range
max. supply current average value / peak value
light source
laser class
wave length
laser beam diameter
reverse polarity protection
short circuit protection
housing material
protection class
temperature range

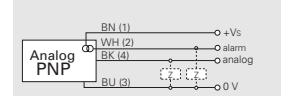
50...90 mm
0,1 mm
± 0,2 mm
< 1 ms
PSD
4-20 mA
PNP
100 mA
green LED
red LED
11-30 VDC
60 mA / 100 mA
pulsed red laser diode
2
675 nm
1...2 mm
yes
yes
die-cast zinc
IP 67
0...+50 °C

70...150 mm
0,1 mm at 70...100 mm / 0,8 mm at 150 mm
± 0,4 mm
< 1 ms
PSD
4-20 mA
PNP
100 mA
green LED
red LED
11-30 VDC
60 mA / 100 mA
pulsed red laser diode
2
675 nm
1,5...3 mm
yes
yes
die-cast zinc
IP 67
0...+50 °C

- Medium measuring range
- High resolution
- High linearity
- Fast response time (1 ms)
- Low sensitivity to ambient light
- Soiling indicator and alarm output



connection diagram



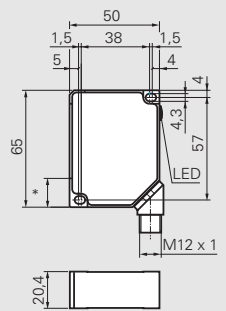
accessories

mounting bracket 131521

connectors 5 pin

ES 33AP2B 4 pin (shielded) 2m PUR
ES 34AP2B 4 pin (shielded) 2m PUR

for details see accessories section



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Measuring range
50...90 mm

Measuring range
70...150 mm

Resolution
0,1 mm

Response time
1 ms

Metal housing

CAUTION
LASER RADIATION
DO NOT STARE INTO BEAM
LASERDIODE
CLASS 2 LASER PRODUCT
IEC 825-1/1996
21CFR 1040.10