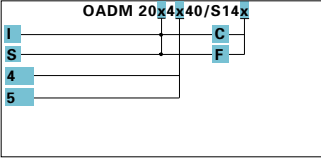
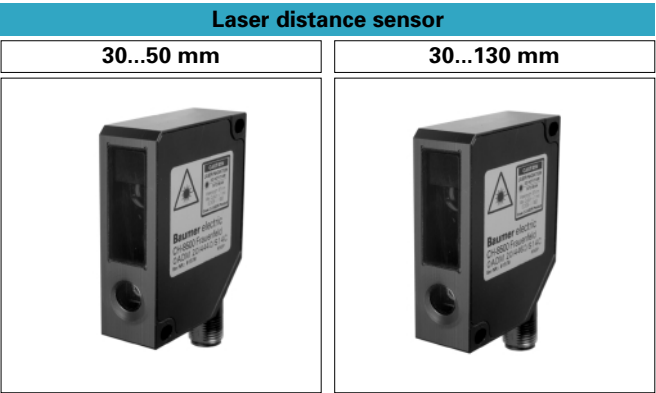


Laser distance sensor  
Type OADM

part number	
analog interface	index
analog RS 485	index
laser point	index
laser line	index

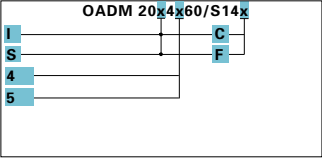
technical data	
measuring range	30...50 mm
resolution (white paper)	0,01 mm
linearity error (white paper)	±0,03 mm
response time	< 10 ms
sensing element	photoelectric array
analog output	4-20 mA / <sup>1)</sup> (0 - 10 VDC)
alarm output	PNP
max. switching current	100 mA
power indicator	green LED
soiled lens indicator	red LED
voltage supply range	12-28 VDC
max. supply current	< 120 mA
light source	pulsed red laser diode
laser class	2
wave length	675 nm
reverse polarity protection	yes
short circuit protection	yes
housing material	die-cast zinc
protection class	IP 67
temperature range	0...+50 °C
laser beam data	
laser beam diameter	OADM 20x44x0/S14x 0,2...1 mm
laser beam height	OADM 20x45x0/S14x 3,5...40 mm
laser beam width	OADM 20x45x0/S14x 1 mm

<sup>1)</sup> voltage output 0 - 10 VDC



30...50 mm
0,01 mm
±0,03 mm
< 10 ms
photoelectric array
4-20 mA / <sup>1)</sup> (0 - 10 VDC)
PNP
100 mA
green LED
red LED
12-28 VDC
< 120 mA
pulsed red laser diode
2
675 nm
yes
yes
die-cast zinc
IP 67
0...+50 °C
0,2...1 mm
3,5...40 mm
1 mm

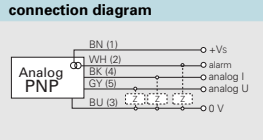
in preparation



30...130 mm
0,06 mm
±0,2 mm
< 10 ms
photoelectric array
4 - 20 mA / <sup>1)</sup> (0 - 10 VDC)
PNP
100 mA
green LED
red LED
12-28 VDC
< 120 mA
pulsed red laser diode
2
675 nm
yes
yes
die-cast zinc
IP 67
0...+50 °C
1...2 mm
3,5...40 mm
1 mm

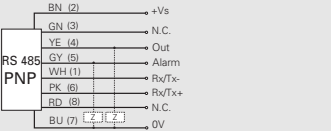
in preparation

- Medium measuring range
- Accurate distance measurement against different surfaces
- High resolution
- Excellent linearity of output signal due to microprocessor technology
- Soiling indicator and alarm output
- Current/voltage or RS 485 interface
- Laserline for distance measuring on rough surfaces



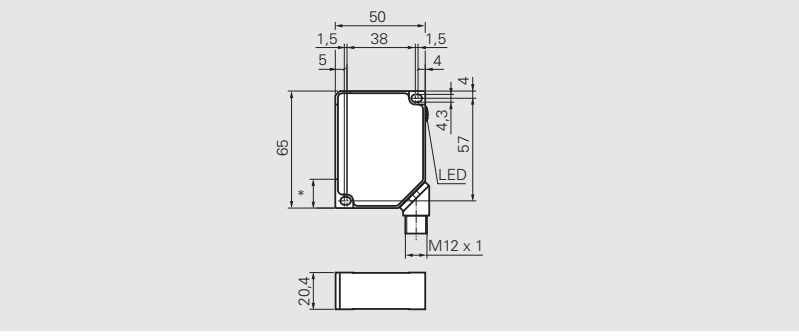
accessories	
mounting bracket	131521

connectors	
ES 34CP5B	5 pin 5 m PUR (shielded)
ES 34AP2B	4 pin 2 m PUR (shielded)
ESG 34FP0200B	8 pin 2 m PUR (shielded)

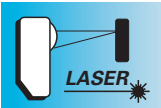


suitable to	
Analog interface (voltage/current)	
Analog interface (only use for current output)	
RS 485 interface	

for details see accessories section



\* Emitter axis 16 mm



Series 20

Measuring range  
30...50 mm

Measuring range  
30...130 mm

Excellent resolution  
0,01 mm

Response time 10 ms

Metal housing

