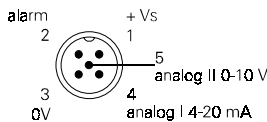
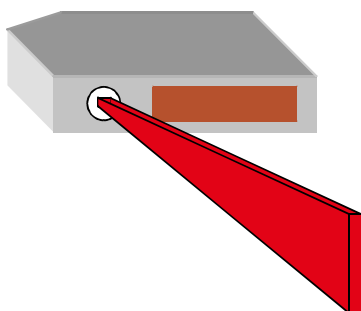
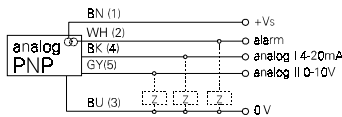


* emitter axis 16 mm

pin assignment



connection diagram



Laser distance sensor

TYPE: **OADM 20I4571/S14C**

Art.-Code: 133587

- Large measuring range
- Expanded laser beam
- Current or voltage output ¹⁾

Technical Data

measuring range	100...500 mm
resolution (matt white ceramic)	0,5 mm
linearity error (matt white ceramic)	± 1,5 mm
response time	< 10 ms
sensing element	photoelectric array
analog output ¹⁾	4...20 mA or 0...10 V
alarm output	PNP
max. switching current	100 mA
power indicator	green LED
alarm indicator /	red LED/
soiled lens indicator	flashing 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
laser beam height	5,5...18 mm
laser beam width	2,5 mm
supply reverse polarity protection	yes
short circuit protection	yes
housing material	die-cast zinc
protection class	IP 67
temperature range	0...+50 °C
EMC protection measures	use shielded cable for example ES 34CP5B

¹⁾ After power-on the sensor checks the current output (BK, pin 4) for current. If positive, the current output is automatically activated. If negative, the sensor will automatically switch to the voltage output (GY, pin 5) after 100 ms.