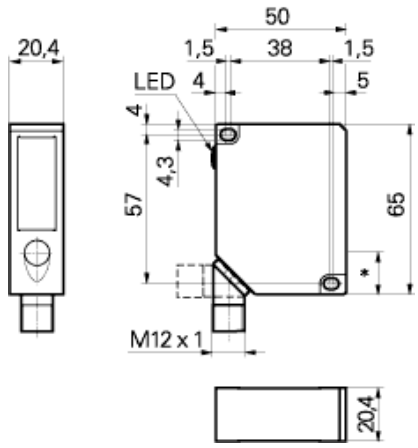
Vydas International Marketing
Swan House PBC Lynchborough Rd
Passfield Hampshire GU30 7SB UK
Tel: 44(0)1428 751822 Fax: 44(0)1428 751833
Email: info@vydas.co.uk Web: www.vydas.co.uk

Photoelectric

Baumer electric

Laser distance sensors
OADM 20S4481/S14F

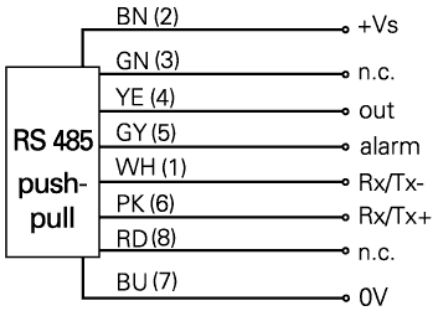


* emitter axis 16 mm

Technical Data	
measuring range	200 - 1000 mm
min. Teach-in range	-
resolution	< 3 mm
linearity error ±	2,4 - 12 mm
response time	< 10 ms
sensing element	photoelectric array
output	RS 485
analog output	-
alarm output	push-pull
switching current	< 100 mA
power-on indication	LED green
soiled lens indicator	LED red / LED red blinking
voltage supply range +Vs	12 - 28 VDC
max. supply current	< 120 mA
light source	pulsed red laser diode
laser class	2
wave length	675 nm
short circuit protection	yes
reverse polarity protection	yes
housing material	die-cast zinc
protection class	IP 67
temperature range	0 ... +50 °C
laser beam diameter	2 mm
laser beam height	-
laser beam width	-
mounting bracket	131521
connectors	ESG 34F

photo

connection diagram



linearity error: ±1,2% of measuring distance