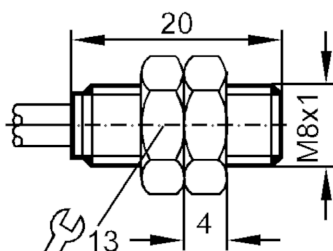




Retro-reflective sensor

OER-V/OET-V



Application

Function principle	Retro-reflective sensor
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Electrical data

Connection to switching amplifiers	yes
Switching amplifiers	Connection to switching amplifiers OV5012, OV0010
Protection class	III
Type of light	infrared light
Wave length [nm]	950

Outputs

Short-circuit protection	no
Overload protection	no

Detection zone

Range referred to prismatic reflector [m]	0.03...0.2; (Prismatic reflector Ø 80 E20005)
Range [mm]	< 15; (white paper 200 x 200 mm)

Operating conditions

Ambient temperature [°C]	0...70
Protection	IP 67

Tests / approvals

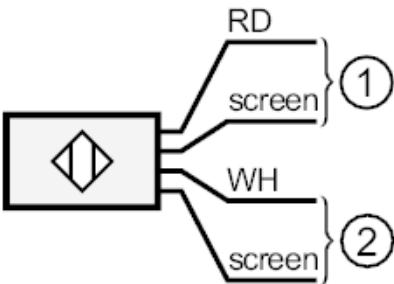
EMC	EN 60947-5-2
MTTF [years]	5623



Retro-reflective sensor

OER-V/OET-V

Mechanical data	
Weight [g]	72
Housing	threaded type
Dimensions [mm]	M8 x 1
Thread designation	M8 x 1
Materials	brass nickel-plated
Accessories	
Accessories (supplied)	lock nuts: 2 x
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Cable: 2 m; 2 x 0.14 mm²	
Connection	



- 1 = transmitter
- 2 = receiver
- Core colours :
- RD = red
- WH = white
- screen = screen