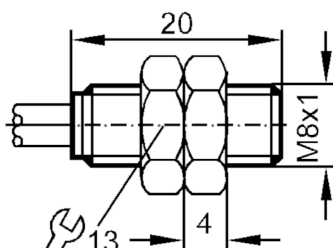




Retro-reflective sensor

OER-V/OET-V



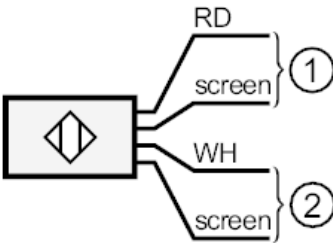
Product characteristics		
Type of light	Infrared light	
Housing	Threaded type	
Application		
Function principle	Retro-reflective sensor	
Electrical data		
Connection at circuit amplifier	yes	
Switching amplifiers	Connection at circuit amplifier OV5012, OV0010	
Protection class	III	
Type of light	Infrared light	
Wave length [nm]	950	
Outputs		
Short-circuit protection	no	
Overload protection	no	
Monitoring range		
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
Material	brass nickel-plated
Accessories	
Items supplied	lock nuts: 2
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Cable: 2 m; 2 x 0.14 mm²	
Connection	



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