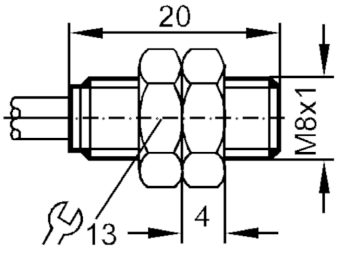
OE0004

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 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

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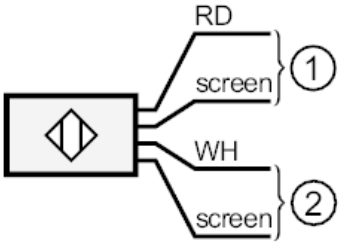
MTTF	[years]	5623
Mechanical data		
Weight	[g]	72
Housing		threaded type
Dimensions	[mm]	M8 x 1
Thread designation		M8 x 1
Materials		brass nickel-plated
Accessories		
Items supplied		lock nuts: 2
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Cable: 2 m; 2 x 0.14 mm²

Connection



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