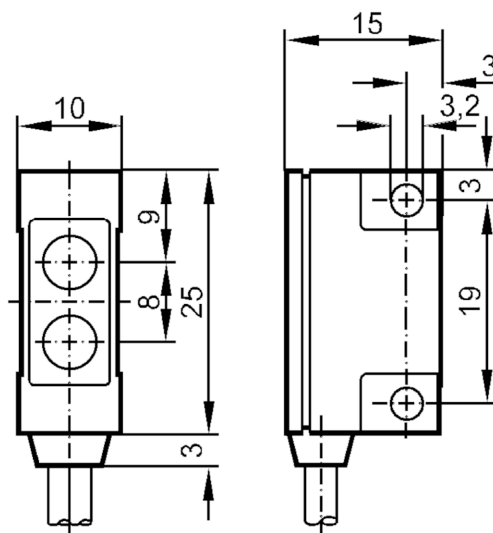




Retro-reflective sensor

ORR-V/ORT-V

Article no longer available - archive entry



Receiver in upper lens
transmitter in lower lens



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Retro-reflective sensor
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Electrical data

Connection at circuit amplifier	yes
Switching amplifiers	Connection at circuit amplifier OV5012, OV0010
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]	0.3...1; (Prismatic reflector Ø 80 E20005)
Range [mm]	< 200; (white paper 200 x 200 mm)

Operating conditions

Ambient temperature [°C]	-20...80
Protection	IP 67

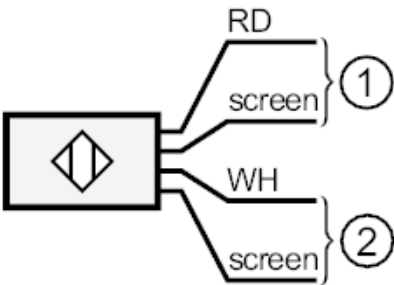


Retro-reflective sensor

ORR-V/ORT-V

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	26548
Mechanical data		
Weight	[g]	77
Housing	rectangular	
Material	PPO modified	
Lens alignment	Side sensing	
Accessories		
Items supplied	Angle bracket: 1, E20212	
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