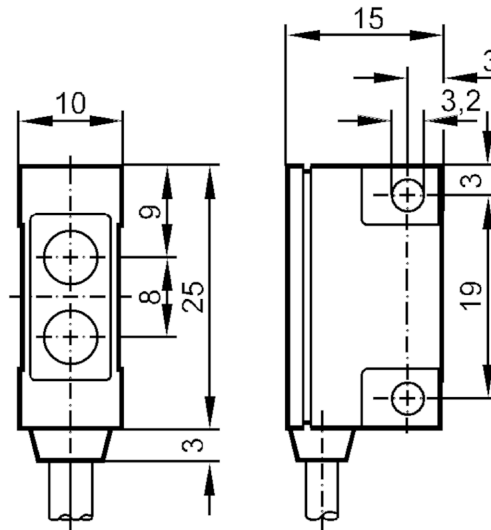


# OR0004



## Retro-reflective sensor

ORR-VIORT-V



Receiver in upper lens  
transmitter in lower lens



Product characteristics	
Type of light	Infrared light
Housing	rectangular
Application	
Function principle	Retro-reflective sensor
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

# OR0004

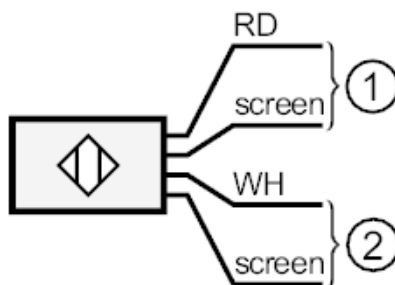


## Retro-reflective sensor

ORR-VIORT-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	
Accessories (supplied)	Angle bracket: 1 x, E20212
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Cable: 2 m; 2 x 0.14 mm <sup>2</sup>	

### Connection



1 = transmitter

2 = receiver

Core colors :

RD = red

WH = white

screen = screen