

# OR0009

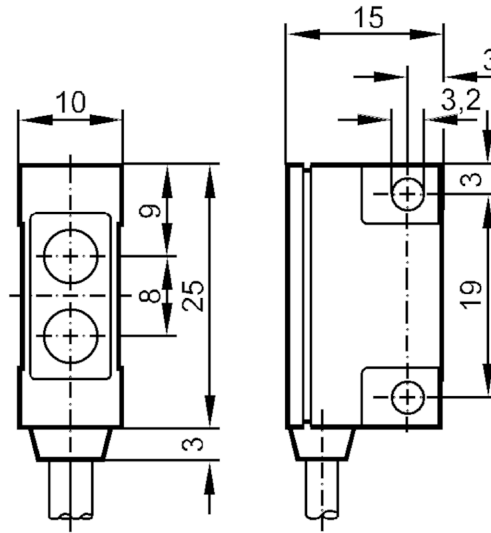


## Retro-reflective sensor

ORR/ORT-V/10m

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Alternative article: OR0004 When selecting an alternative article and accessories please note that technical data may differ! – When selecting an alternative article and accessories please note that technical data may differ!



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 to switching amplifiers	yes
Switching amplifiers	Connection to switching amplifiers OV5012, OV0010
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]	0.3...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

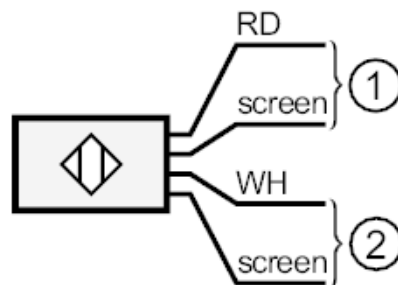
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## Retro-reflective sensor

ORR/ORT-V/10m

Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	26548
Mechanical data	
Housing	rectangular
Materials	PPO modified
Lens alignment	side lens
Accessories	
Accessories (supplied)	Angle bracket: 1 x, E20212
Remarks	
Pack quantity	1 pcs.
Electrical connection	
Cable: 10 m; 2 x 0.14 mm <sup>2</sup>	
Connection	



1 = transmitter

2 = receiver

Core colours :

RD = red

WH = white

screen = screen

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