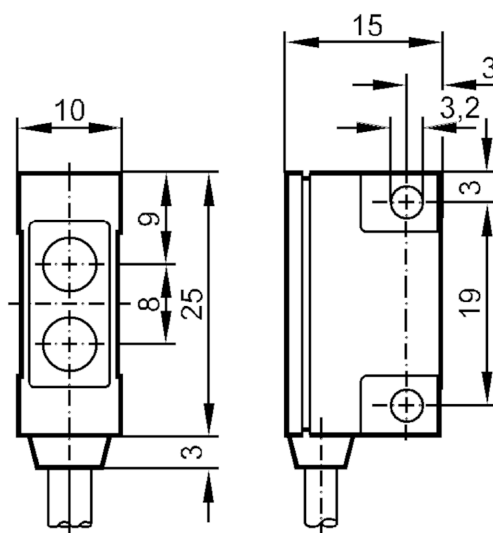




Retro-reflective sensor

ORR-V/ORT-V



receiver in upper lens
transmitter in lower lens



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

Tests / approvals

EMC

EN 60947-5-2

MTTF

[years]

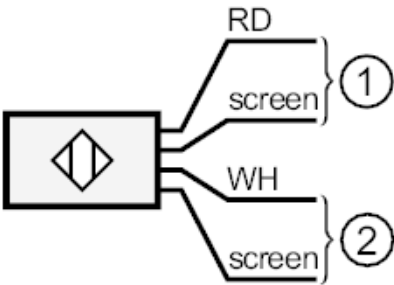
26548



Retro-reflective sensor

ORR-V/ORT-V

Mechanical data	
Weight	[g] 76.5
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: 2 m; 2 x 0.14 mm²	
Connection	



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