OR0009

Retro-reflective sensor

ORR/ORT-V/10m

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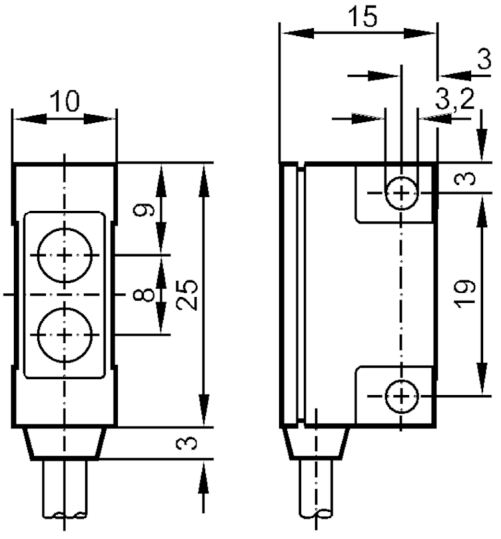
Alternative articles: OR0004

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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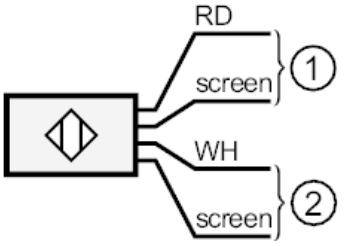
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing	rectangular	
Materials	PPO modified	
Lens alignment	side lens	
Accessories		
Items supplied	Angle bracket: 1, E20212	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		

Cable: 10 m; 2 x 0.14 mm²

Connection



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