OA0116

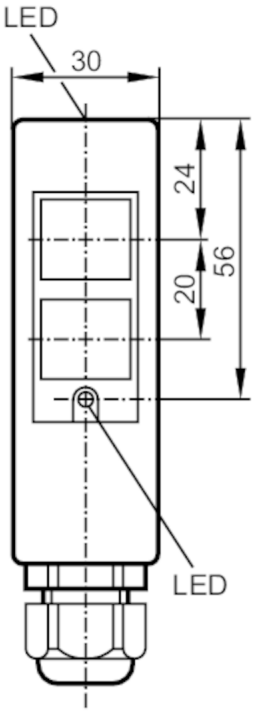
Retro-reflective sensor

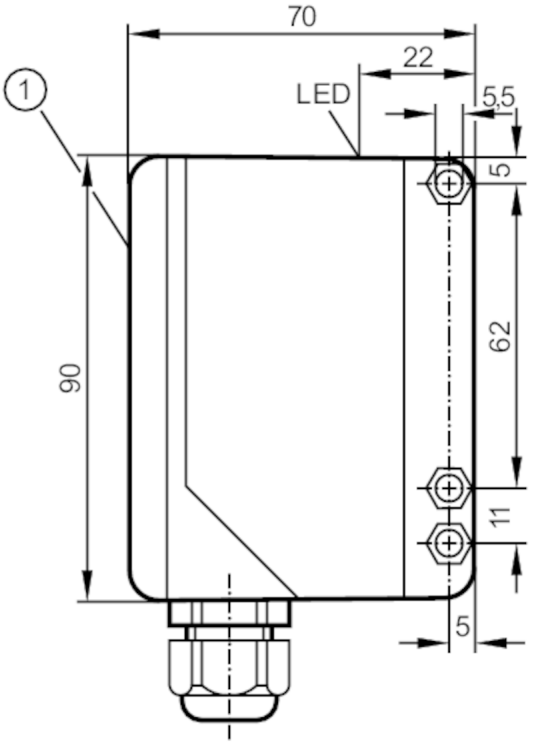
OAP-FKOA/VRG

Article no longer available - archive entry

Alternative articles: OA0106

When selecting an alternative article and accessories please note that technical data may differ!





1 selection switch and potentiometer under cover
receiver in upper lens
transmitter in lower lens

Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Special feature		polarisation filter
Function principle		Retro-reflective sensor
Electrical data		
Frequency AC	[Hz]	47...63
Operating voltage	[V]	20...250 AC/DC
Max. power consumption	[VA]	2
Protection class		II
Type of light		red light
Wave length	[nm]	660
Outputs		
Electrical design		relay
Output function		light-on/dark-on mode; (parameterisable)
Contact rating		250 V AC / 3 A / 360 VA, 125 V DC / 3 A / 30 W

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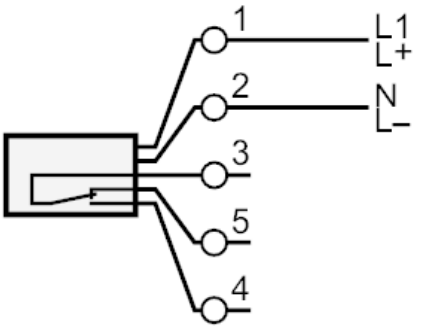
Switching frequency AC	[Hz]	10	
Switching frequency DC	[Hz]	10	
Short-circuit protection		no	
Overload protection		no	
Detection zone			
Range	[m]	< 8	
Range adjustable		yes	
Polarisation filter available		yes	
Operating conditions			
Ambient temperature	[°C]	-25...60	
Protection		IP 65	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		rectangular	
Dimensions	[mm]	90 x 30 x 70	
Materials		PPO modified	
Lens material		PMMA	
Displays / operating elements			
Display		switching status	1 x LED, yellow
		operation	1 x LED, green
		function	1 x LED, red
Accessories			
Items supplied		Angle bracket	
		screwdrivers	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

terminals: ...1.5 mm²

Connection