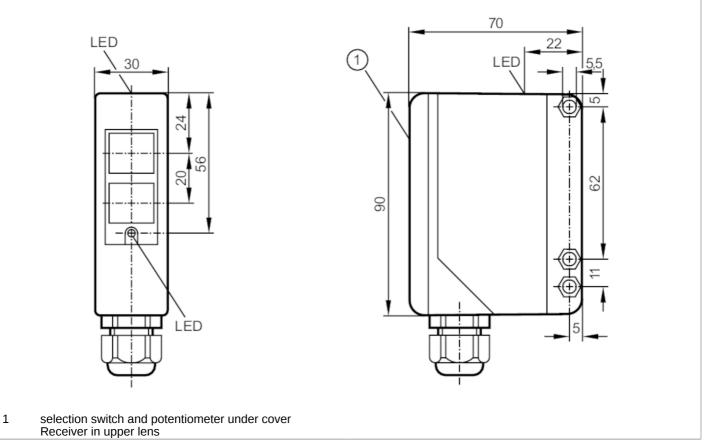
OA0102

Through-beam sensor receiver

OAE-FKOA





Product characteristics					
Type of light		Infrared light			
Housing		rectangular			
Application					
Function principle		Through-beam sensor			
Electrical data					
Frequency AC	[Hz]	4763			
Operating voltage	[V]	20250 AC/DC			
Max. power consumption	[VA]	3.5			
Protection class		II			
Reverse polarity protection		no			
Type of light		Infrared light			
Wave length	[nm]	880			
Outputs					
Electrical design		Relay			
Output function		light-on/dark-on mode; (programmable)			
Contact rating		250 V AC / 3 A / 360 VA, 125 V DC / 3 A / 30 W			
Switching frequency AC	[Hz]	10			
Switching frequency DC	[Hz]	10			



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Short-circuit proof		no		
Overload protection		no		
Monitoring range				
Transmitter / receiver		receiver		
Range	[m]	2550; (depending on the transmitter)		
Range adjustable		yes		
Operating conditions				
Ambient temperature	[°C]	-2560		
Protection		IP 65		
Tests / approvals				
EMC		EN 60947-5-2		
		EN 55011	class B	
MTTF	[years]	2	71	
Mechanical data				
Weight	[g]	30	04.5	
Housing		rectangular		
Dimensions	[mm]	90 x 30 x 70		
Material		PPO modified		
Lens material		PMMA		
Lens alignment		Side sensing		
Displays / operating eler	ments			
Display		Switching status	1 x LED, yellow	
		Power	1 x LED, green	
		Function	1 x LED, red	
Electrical connection				
Required protection		miniature fuse to IEC60127-2 sheet 1; \leq 5 A; fast acting		
Remarks				
Remarks		Recommendation: check the unit for reliable function after a short circuit.		
Pack quantity		1 pcs.		

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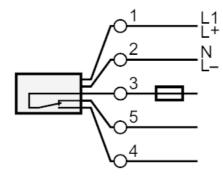
Through-beam sensor receiver

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Electrical connection

terminals: ...1.5 mm²; Cable sheath: Ø 4.5...10 mm; Cable gland: M16 X 1.5

Connection



Note : miniature fuse to IEC60127-2 sheet $1 \le 5$ A fast acting

