



Retro-reflective sensor

OAP-FKOA/ST HS-NGRAM5

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No scale drawing available

Application	
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
Switching frequency AC [Hz]	10
Switching frequency DC [Hz]	10
Short-circuit protection	no
Overload protection	no
Detection zone	
Range [m]	< 8; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Polarisation filter available	yes
Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 65

OA0110



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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		
Accessories (supplied)		Angle bracket
		screwdrivers
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x		

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