



Retro-reflective sensor

OMP-FKOW/T/LS-500



receiver in lower lens
transmitter in upper lens



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	73 x 45 x 49

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

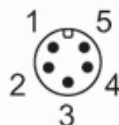
Electrical data

Frequency AC [Hz]	47...63
Operating voltage [V]	24...240 AC/DC
Max. power consumption [VA]	6
Protection class	II
Type of light	red light
Wave length [nm]	660
Typ. lifetime [h]	100000
Reference temperature for service life [°C]	25



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Outputs		
Electrical design	relay	
Output function	light-on/dark-on mode; (programmable)	
Contact rating	3A / 250 V AC	
Switching frequency AC	[Hz]	10
Switching frequency DC	[Hz]	10
Short-circuit protection	no	
Time function	[s]	0 / 1 / 5 / 10 / 14
Detection zone		
Range referred to prismatic reflector	[m]	13.5; (Prismatic reflector Ø 80 E20005)
Polarisation filter available	yes	
Response times		
Response time	[s]	< 10
Operating conditions		
Ambient temperature	[°C]	-25...40
Protection	IP 67	
Mechanical data		
Weight	[g]	44
Housing	rectangular	
Dimensions	[mm]	73 x 45 x 49
Materials	ABS glass fibre reinforced; connector housing: aluminium uncoloured anodised	
Lens material	PMMA	
Lens alignment	side lens	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x 7/8"		
		

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Connection

