

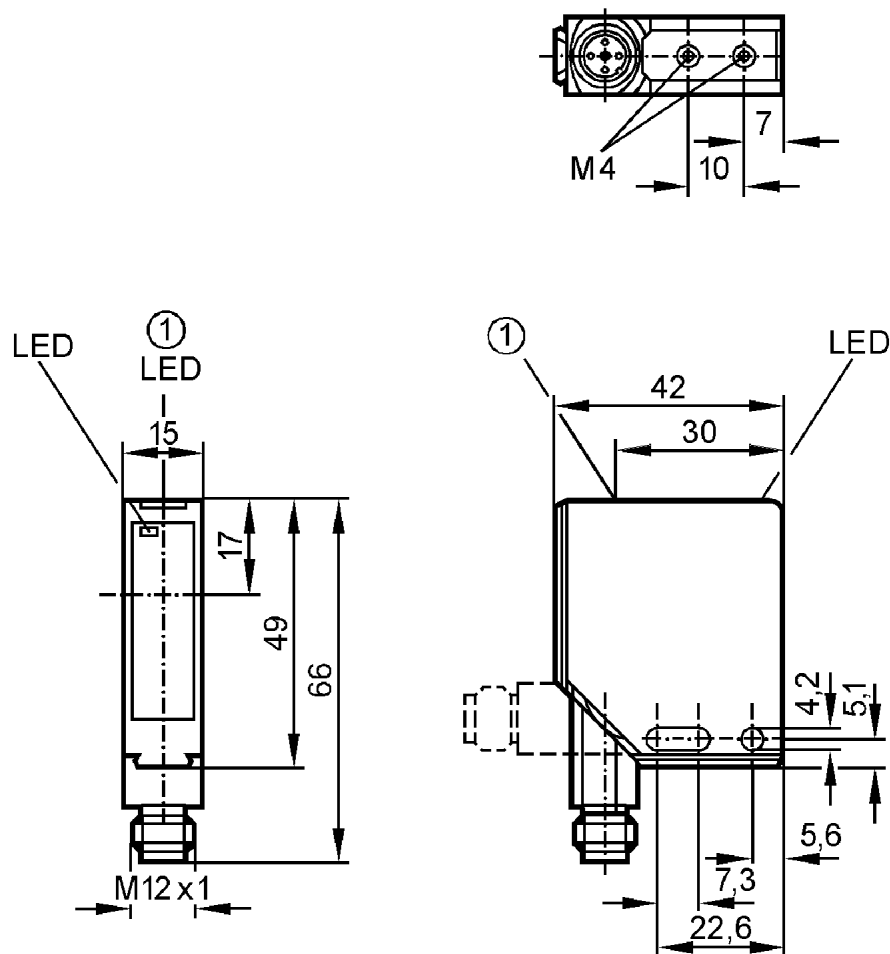
Retro-reflective sensor

OCP-CPKG/US-100

Article no longer available - archive entry

Alternative articles: O5P500

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



Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660



Retro-reflective sensor

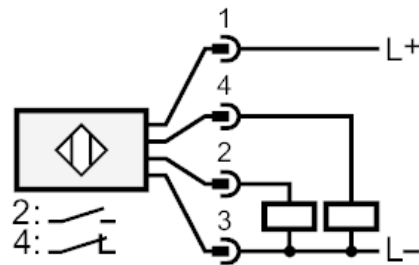
OCP-CPKG/US-100

Outputs		
Electrical design	PNP	
Output function	complementary	
Max. voltage drop switching output DC [V]	2.9	
Permanent current rating of switching output DC [mA]	100	
Switching frequency DC [Hz]	1500	
Short-circuit protection	yes	
Type of short-circuit protection	pulsed	
Overload protection	yes	
Detection zone		
Range [m]	< 5	
Range adjustable	yes	
Max. light spot diameter [mm]	130	
Light spot dimensions refer to	at maximum range	
Polarisation filter available	yes	
Operating conditions		
Ambient temperature [°C]	-40...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Housing	rectangular	
Dimensions [mm]	49 x 15 x 42	
Materials	housing: diecast zinc	
Lens material	front pane:PMMA	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	function	1 x LED, yellow flashing
Accessories		
Items supplied	screwdrivers	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12; coding: A; Contacts: 4		
		

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Connection



Diagrams and graphs

excess gain graph

