

OC5213



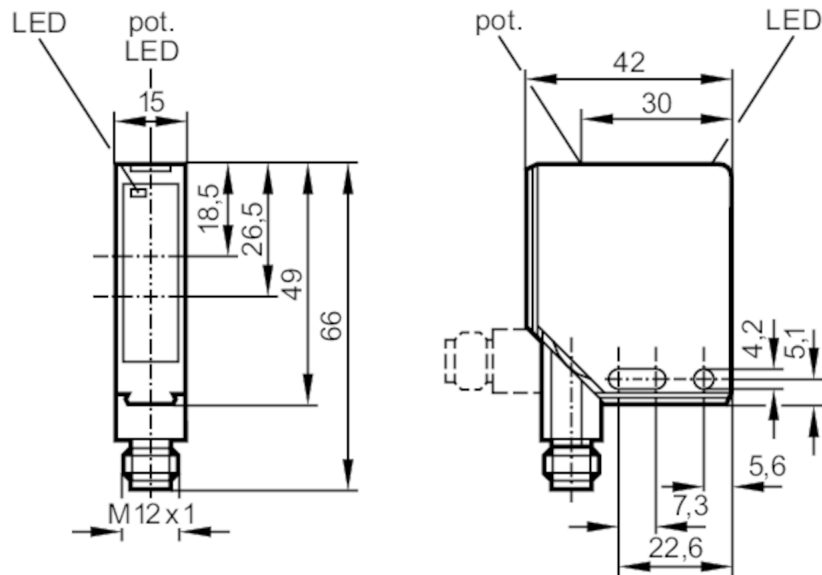
Diffuse reflection sensor

OCT-CPKG/US-100

Article no longer available - archive entry

Alternative articles: O5H500

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



Receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Diffuse reflection sensor
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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

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Diffuse reflection sensor

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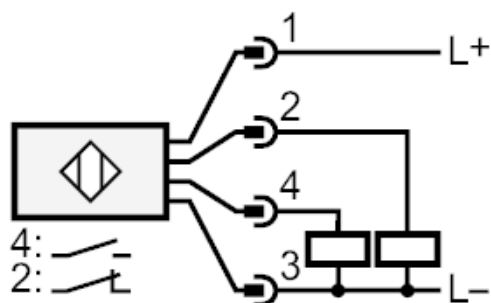
Outputs		
Electrical design		PNP
Output function		complementary
Max. voltage drop switching output DC	[V]	2.9
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	1500
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes
Monitoring range		
Range	[mm]	1...600
Range adjustable		yes
Max. light spot diameter	[mm]	40
Light spot dimensions refer to		at maximum range
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
Material		diecast zinc
Lens material		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		



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Connection



Diagrams and graphs

excess gain graph

