



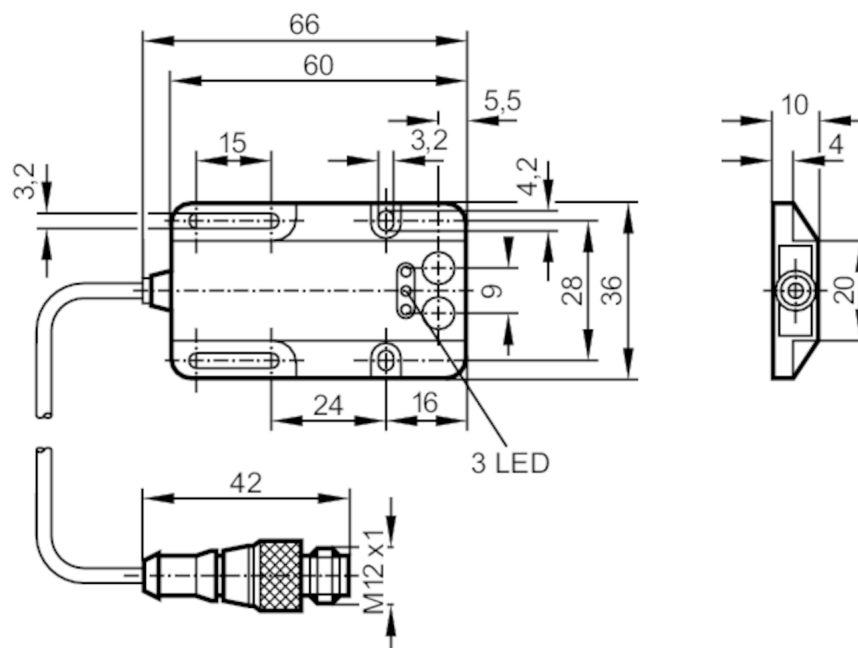
Diffuse reflection sensor

OWT-FPKG/0,1M/US

Article no longer available - archive entry

Alternative articles: OJ5060

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



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...36 DC
Current consumption	[mA]	35; ((36 V))
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

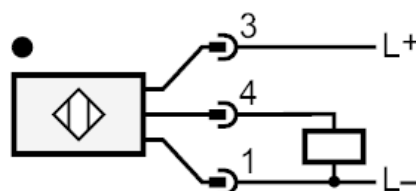
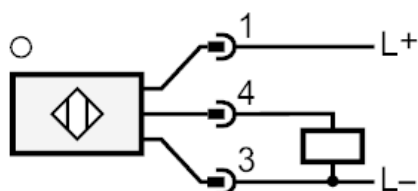
Electrical design		PNP
Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes



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Detection zone		
Range	[mm]	1...150
Max. light spot diameter	[mm]	15
Light spot dimensions refer to		at maximum range
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing		rectangular
Dimensions	[mm]	36 x 60 x 10
Materials		ABS glass fibre reinforced
Lens material		PMMA
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		
Cable: 0.1 m, PVC		
Connector: 1 x M12; coding: A		
		
Connection		





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Diagrams and graphs

excess gain graph

