

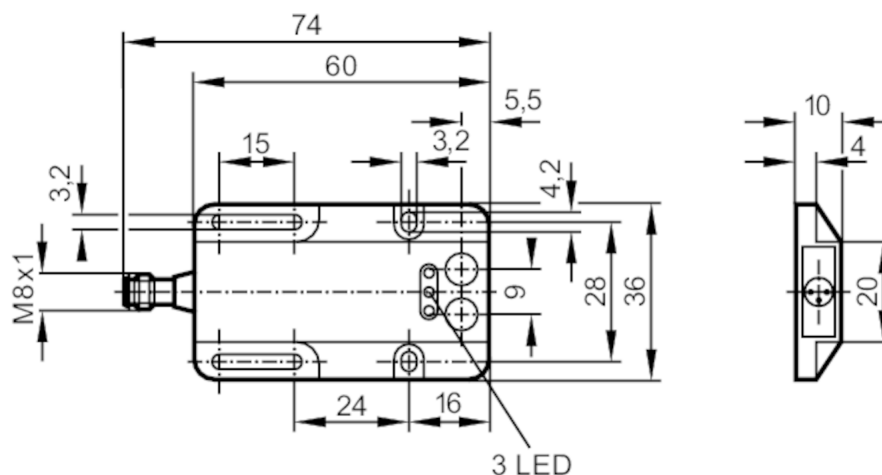
Retro-reflective sensor

OWP-FPKG/AS

Article no longer available - archive entry

Alternative articles: OJ5104

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

System	polarization filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	35; ((36 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (configurable)
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	yes (non-latching)
Overload protection	yes

OW1005



Retro-reflective sensor

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Monitoring range		
Range	[m]	0.1...1.5; (Prismatic reflector Ø 80 E20005)
Max. light spot diameter	[mm]	120
Light spot dimensions refer to		at maximum range
Polarization filter available		yes

Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 65

Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B

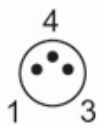
Mechanical data		
Housing		rectangular
Dimensions	[mm]	36 x 60 x 10
Material		ABS reinforced glass-fiber
Lens material		PMMA

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Function	1 x LED, red

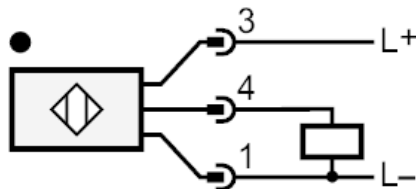
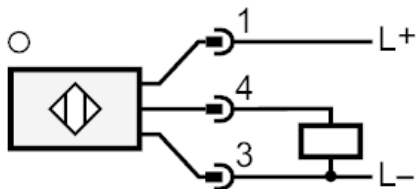
Remarks		
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M8; coding: A



Connection





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Diagrams and graphs

excess gain graph

