



Retro-reflective sensor

OCPGHPKG/US-100

Article no longer available - archive entry

Alternative articles: O5G500

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

No scale drawing available

Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Retro-reflective sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 80
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		PNP
Output function		light-on mode
Max. voltage drop switching output DC	[V]	2
Max. current load for function check output	[mA]	100
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed



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Overload protection	yes
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Detection zone

Range [m]	< 1.5; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Max. light spot height [mm]	13
Light spot dimensions refer to	Range

Response times

Response time [s]	0.5
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Operating conditions

Ambient temperature [°C]	-10...55
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	rectangular
Dimensions [mm]	49 x 15 x 42
Materials	diecast zinc
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

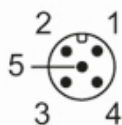
Items supplied	screwdrivers
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Remarks

Pack quantity	1 pcs.
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Electrical connection

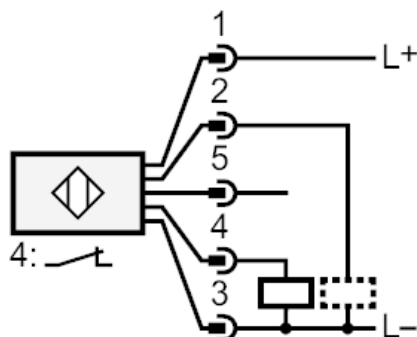
Connector: 1 x M12; coding: A



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Connection



- 2 Function check output
- 5 Eingang "External Teach"

Diagrams and graphs

excess gain graph

