



Retro-reflective sensor

OGP-FPKG/V4A/US-100

phase-out article

Alternative articles: OGP200 or OGP201 or OGP500

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	threaded type

Application

Special feature	Gold-plated contacts; polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 32
Protection class		II
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]	500
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]	< 3; (Prismatic reflector Ø 80 E20005)
Range referred to prismatic reflector [m]	0...3; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Polarisation filter available	yes

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing	threaded type
Dimensions [mm]	M18 x 1
Thread designation	M18 x 1
Materials	stainless steel (316L/1.4404); PBT
Lens material	glass
	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Accessories

Items supplied	lock nuts: 2
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A; Contacts: gold-plated





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Connection

