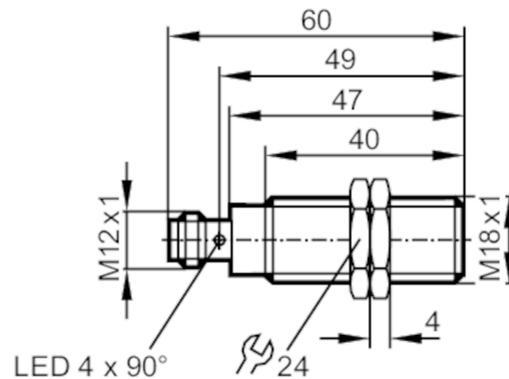


OGP200



Retro-reflective sensor

OGP-DPKG/US100



Product characteristics		
Type of light		red light
Housing		threaded type
Application		
Special feature		polarisation filter
Function principle		Retro-reflective sensor
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624
Outputs		
Electrical design		PNP
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Detection zone		
Range referred to prismatic reflector	[m]	0.03...4; (Prismatic reflector Ø 80 E20005)
Range adjustable		no
Max. light spot diameter	[mm]	160
Light spot dimensions refer to		at maximum range

OGP200



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Polarisation filter available	yes
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Operating conditions

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

EMC	EN 60947-5-2
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MTTF [years]	509
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Mechanical data

Weight [g]	49.75
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Housing	threaded type
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Dimensions [mm]	M18 x 1 / L = 60
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Thread designation	M18 x 1
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Materials	housing: stainless steel (316L/1.4404)
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Lens material	PMMA
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Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
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Remarks

Remarks	operating voltage "supply class 2" according to cULus
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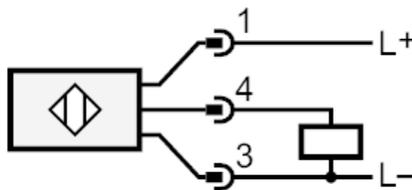
Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection



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Diagrams and graphs

excess gain graph

