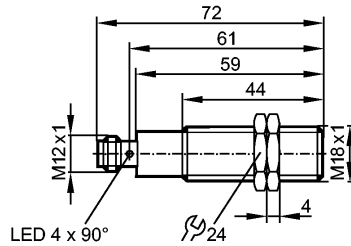


OGH300

OGH-HPKG/US100

Photoelectric sensors



Made in Germany



Product characteristics

Diffuse reflection sensor
Threaded type
M18 x 1
Connector
Background suppression
Range 100mm (Range referred to white paper 200 x 200 mm, 90 % remission)

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	25
Type of light	Red light 624 nm
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	light-on mode
Voltage drop [V]	< 2.5
Current rating [mA]	200 (...60 °C) / 150 (...80 °C)
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	1000

Range

Range [mm]	100 (Range referred to white paper 200 x 200 mm, 90 % remission)
Range [mm]	100 (Range referred to white paper 200 x 200 mm, 90 % remission)
- Object white (90 % remission)	100
- Object grey (18 % remission)	100
- Object black (6 % remission)	100
Light spot diameter [mm]	9 (Range 100 mm)

Environment

Ambient temperature [°C]	-25...80
Protection	IP 67 / IP 68 / IP 69K

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	372

Mechanical data

Housing materials	housing: stainless steel 316L / 1.4404; sealing: EPDM
Lens material	PMMA

OGH300

OGH-HPKG/US100

Photoelectric sensors

Weight	[kg]	0.062
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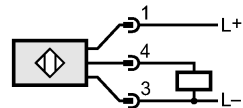
Displays / operating elements

Output status indication	LED	yellow
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Electrical connection

Connection	M12 connector
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Wiring



Accessories

Accessories (included)	2 lock nuts
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Remarks

Remarks	cULus - Class 2 source required
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Pack quantity	[piece]	1
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