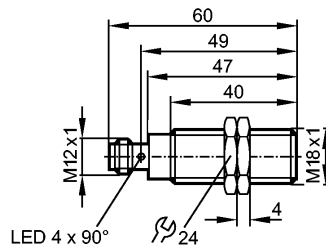


OGP201

OGP-HPKG/US100

Photoelectric sensors



Product characteristics

Retro-reflective sensor
Threaded type
M18 x 1
Quick disconnect
Polarization filter
Sensing range 0.03...4m (Prismatic reflector Ø 80 (E20005))

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	15
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
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	1000

Monitoring range

Sensing range [m]	0.03...4 (Prismatic reflector Ø 80 (E20005))
Light spot diameter [mm]	160 (at maximum range)

Environment

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

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	500

Mechanical data

Housing materials	housing: stainless steel 316L / 1.4404
Lens material	PMMA
Weight [kg]	0.05

Displays / operating elements

Output status indication LED	yellow
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OGP201

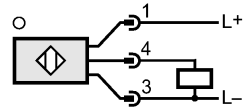
OGP-HPKG/US100

Photoelectric sensors

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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