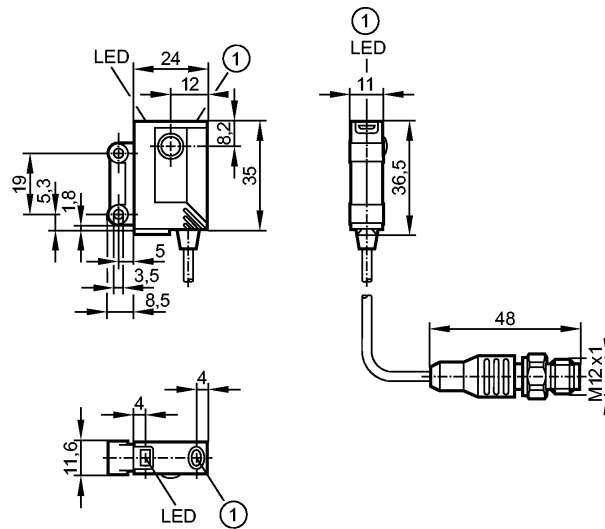


OJ5190

OJPGFPKG/FO/0.15M/US

Photoelectric sensors



1: pushbutton



Product characteristics

Retro-reflective sensor
Rectangular, plastics
Quick disconnect
Glass and film detection
Polarization filter
Front sensing
Sensing range 0.2...1.5m (Prismatic reflector 50 x 50 mm (E20722))
adjustable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	< 22
Type of light	red light 660 nm
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	light-on / dark-on programmable
Voltage drop [V]	< 2.5
Current rating [mA]	200
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	2000

Monitoring range

Sensing range [m]	0.2...1.5 (Prismatic reflector 50 x 50 mm (E20722))
Range referred to prismatic reflector [m]	E20722 0.2...1.5 E20991 0.15...0.4 E20992 0.15...0.3
Light spot diameter [mm]	64 (at maximum range)

Environment

OJ5190

OJPGFPKG/FO/0.15M/US

Photoelectric sensors

Ambient temperature	[°C]	0...60
Protection		IP 67

Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	867

Mechanical data

Housing materials		housing: ABS; LED window: SEPS; pushbutton: SEPS
Lens material		glass
Weight	[kg]	0.05

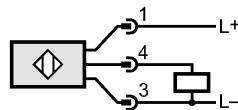
Displays / operating elements

Output status indication	LED	yellow
Power	LED	green
Function display	LED	red

Electrical connection

Connection		PVC cable / 0.15 m; with M12 connector
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Wiring



Accessories

Accessories (included)		2 mounting screws; 2 spring washers; 2 nuts
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Remarks

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