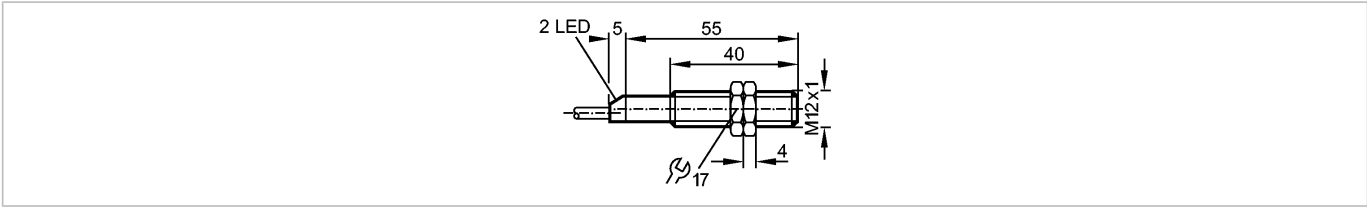


OF5019

OFE-FPKG

Photoelectric sensors



Product characteristics

Through-beam sensor
Threaded type
M12 x 1
Cable
Receiver
Sensing range 4m

Electrical data

Electrical design		DC PNP
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 25
Type of light		Infrared light 880 nm
Protection class		II
Reverse polarity protection		yes

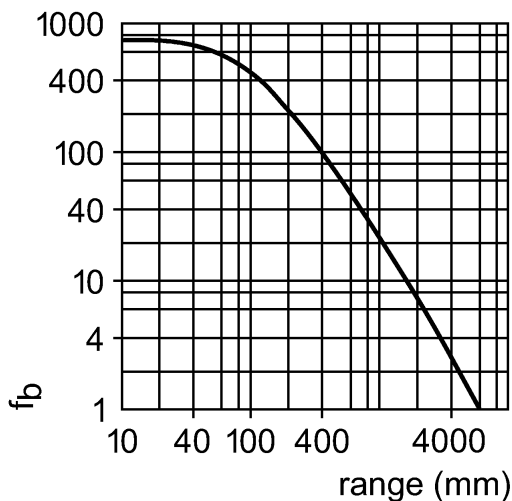
Outputs

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]	320

Monitoring range

Sensing range	[m]	4
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Excess gain graphs



Environment

Ambient temperature	[°C]	-25...60
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OF5019

OFE-FPKG

Photoelectric sensors

Protection	IP 67
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Tests / approvals

EMC	EN 60947-5-2 EN 55011:	class B
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MTTF	[Years]	990
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Mechanical data

Housing materials	brass nickel-plated
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Lens material	PMMA
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Weight	[kg]	0.094
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Displays / operating elements

Output status indication	LED	yellow
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Power	LED	green
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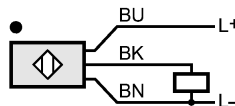
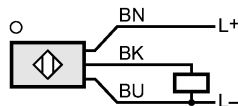
Electrical connection

Connection	PUR cable / 2 m; 3 x 0.34 mm ²
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Wiring

Core colors

BN brown
BU blue
BK black



Accessories

Accessories (included)	2 lock nuts
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Remarks

Pack quantity	[piece]	1
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