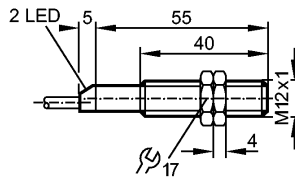




OFE-FPKG

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]

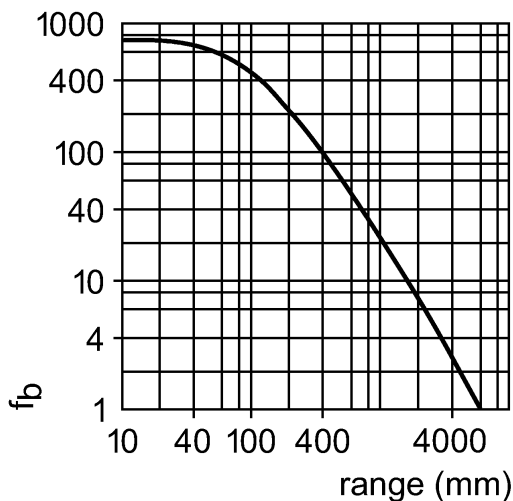
320

Monitoring range

Sensing range [m]

4

Excess gain graphs



Environment

Ambient temperature [°C]

-25...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

**OF5019 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**

MTTF [Years]	EN 55011:	class B
Mechanical data		990
Housing materials		brass nickel-plated
Lens material		PMMA
Weight [kg]		0.094
Displays / operating elements		
Output status indication LED		yellow
Power LED		green
Electrical connection		
Connection		PUR cable / 2 m; 3 x 0.34 mm <sup>2</sup>

**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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