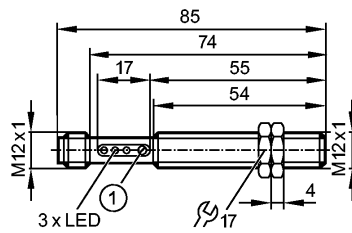


OF5022

OFE-FPKG/US-100

Photoelectric sensors



1: potentiometer

Made in Germany



Product characteristics

Through-beam sensor

Threaded type

M12 x 1

Connector

Function check output

Receiver

Sensing range 4m

adjustable

Electrical data

Electrical design		DC PNP
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 30
Type of light		Infrared light 880 nm
Protection class		II
Reverse polarity protection		yes

Outputs

Output function		light-on / dark-on programmable
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Voltage drop

- Switching output	[V]	< 2.5
- Function check output	[V]	< 3.5

Current rating

- Switching output	[mA]	200
- Function check output	[mA]	10
Short-circuit protection		pulsed
Overload protection		yes
Switching frequency	[Hz]	320

Range

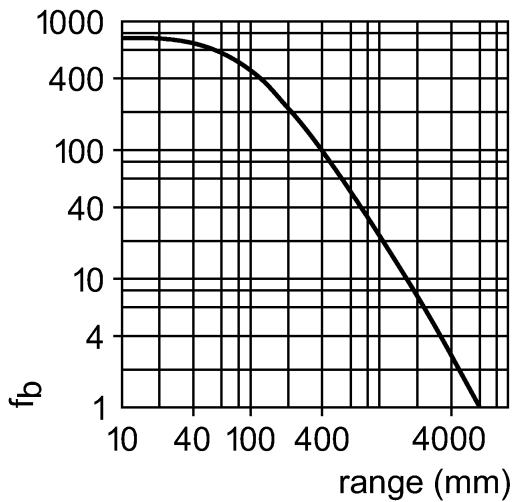
Sensing range	[m]	4
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Excess gain graphs

OF5022

OFE-FPKG/US-100

Photoelectric sensors



Environment

Ambient temperature	[°C]	-25...60
Protection		IP 65

Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	652

Mechanical data

Housing materials		Brass Optalloy-plated
Lens material		PMMA
Weight	[kg]	0.047

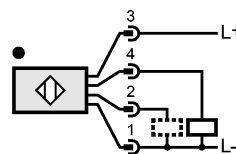
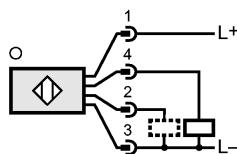
Displays / operating elements

Output status indication	LED	yellow
Operation	LED	green
Function display	LED	Red

Electrical connection

Connection		M12 connector
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Wiring



2: function check

Accessories

Accessories (included)		2 lock nuts; screwdriver
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Remarks

Pack quantity	[piece]	1
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