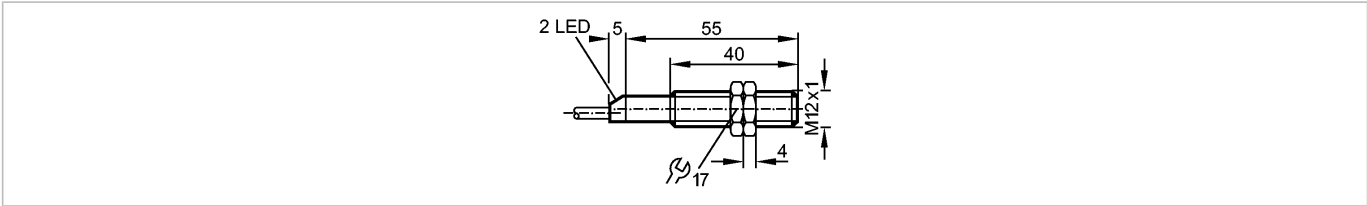


**OF5010**

OFT-FPKG

Photoelectric sensors



Made in Germany

**Product characteristics**

Diffuse reflection sensor
Threaded type
M12 x 1
Cable
Range 1...200mm (referred to white paper 200 x 200 mm)

**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

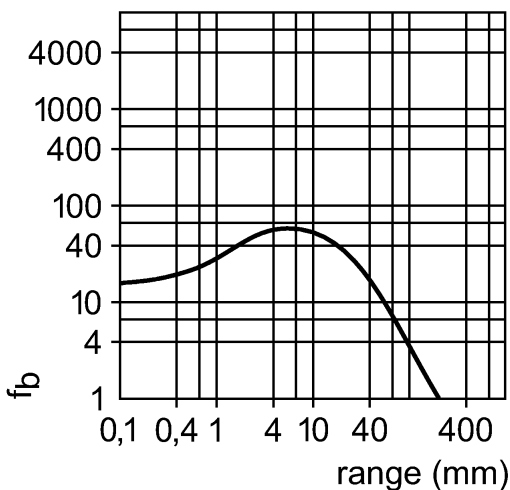
**Outputs**

Output function	light-on / dark-on programmable
Voltage drop [V]	< 2.5
Current rating [mA]	200
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	320

**Range**

Range [mm]	1...200 (referred to white paper 200 x 200 mm)
Light spot diameter [mm]	92 ( at maximum range )

**Excess gain graphs**



**Environment**

Ambient temperature [°C]	-25...60
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## OF5010

OFT-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]	891
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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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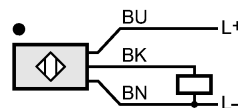
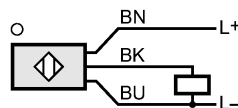
Operation	LED	green
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### Electrical connection

Connection	PUR cable / 2 m; 3 x 0.34 mm <sup>2</sup>
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#### Wiring

Core colours  
 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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