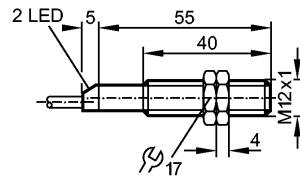


OF5018

OFS-00KG

Photoelectric sensors



Made in Germany



Product characteristics

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

Electrical data

Electrical design	DC
Operating voltage [V]	10...36 DC
Current consumption [mA]	< 20
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	yes

Outputs

Short-circuit protection	pulsed
Overload protection	yes

Range

Sensing range [m]	4
Light spot diameter [mm]	700 (at maximum range)

Environment

Ambient temperature [°C]	-25...60
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	1597

Mechanical data

Housing materials	Brass nickel-plated
Lens material	PMMA
Weight [kg]	0.092

Displays / operating elements

Operation LED	green
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Electrical connection

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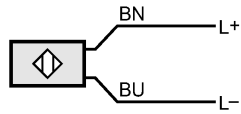
Wiring

OF5018

OFS-00KG

Photoelectric sensors

Core colours
BN brown
BU blue



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

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