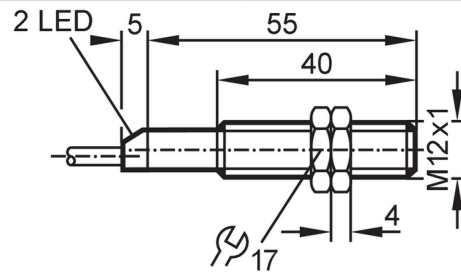


OF5018



Through-beam sensor transmitter

OFS-00KG



Product characteristics

Type of light	infrared light
Housing	threaded type

Application

Function principle	Through-beam sensor
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Electrical data

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

Outputs

Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Transmitter / receiver	transmitter
Range [m]	< 4
Max. light spot diameter [mm]	700
Light spot dimensions refer to	at maximum range

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
MTTF [years]	1597	
UL approval	Ta	< 40 °C
	Enclosure type	Type 1
	power supply	Limited Voltage/Current
	UL approval no.	E030
	File number UL	E174191

OF5018



Through-beam sensor transmitter

OFS-00KG

Mechanical data		
Weight	[g]	72.3
Housing		threaded type
Dimensions	[mm]	M12 x 1 / L = 60
Thread designation		M12 x 1
Materials		housing: brass nickel-plated
Lens material		front pane:PMMA

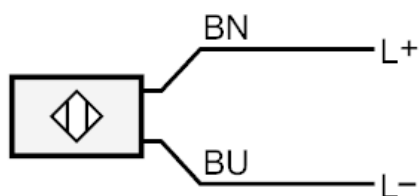
Displays / operating elements		
Display	operation	1 x LED, green

Accessories	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PUR; 2 x 0.34 mm ²	

Connection



BN = Core colours : brown
BU = blue