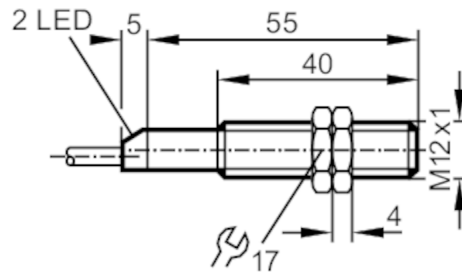


OF5018



Through-beam sensor transmitter

OFS-00KG



Application

Function principle Through-beam sensor

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

Mechanical data

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

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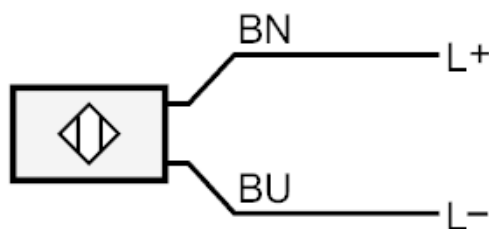


Through-beam sensor transmitter

OFS-00KG

Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Accessories (supplied)	lock nuts: 2 x	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR; 2 x 0.34 mm ²		

Connection



Core colours :

BN = brown
BU = blue