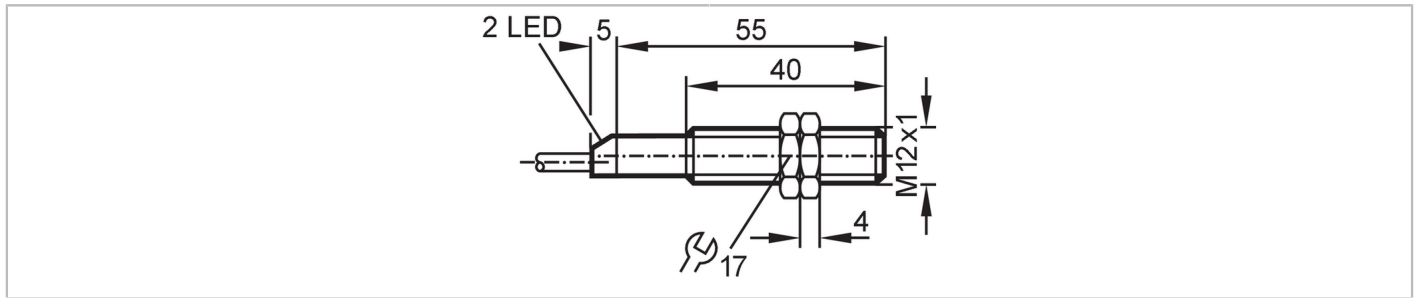


# OF5018



## Through-beam sensor transmitter

OFS-00KG



Product characteristics		
Type of light	infrared light	
Housing	threaded type	
Application		
Function principle	Through-beam sensor	
Application	Industrial applications / factory automation	
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
	voltage supply	Limited Voltage/Current
	UL approval no.	E030
	File number UL	E174191

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## 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

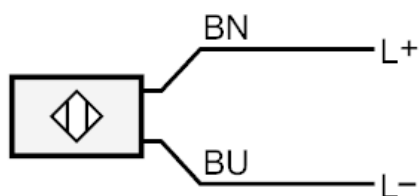
Displays / operating elements		
Display	operation	1 x LED, green

Accessories		
Items supplied		lock nuts: 2

Remarks		
Pack quantity		1 pcs.

Electrical connection		
Cable: 2 m, PUR; 2 x 0.34 mm <sup>2</sup>		

### Connection



BN = Core colours : brown  
BU = blue