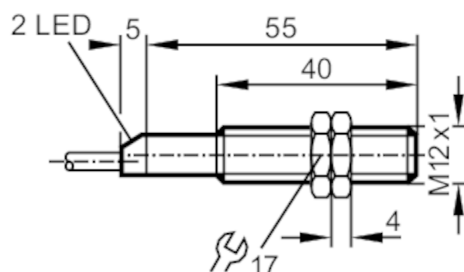




Through-beam sensor transmitter

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	yes (non-latching)
Overload protection	yes

Monitoring range

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

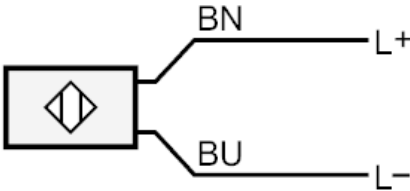
EMC	EN 60947-5-2	
MTTF	[years]	1597
UL approval	Ta	< 40 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	UL approval number	E030
	File number UL	E174191

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
Material		brass nickel-plated
Lens material		PMMA
Displays / operating elements		
Display	Power	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 mm²		
Connection		
		
BN =	Core colors : brown	
BU =	blue	