



Through-beam sensor transmitter

OFS-00KG



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

Mechanical data

Weight	[g]	91.6
Housing		threaded type
Dimensions	[mm]	M12 x 1 / L = 60
Thread designation		M12 x 1
Materials		brass nickel-plated
Lens material		PMMA

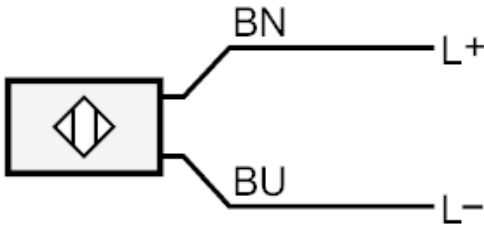
OF5018



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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 mm²		
Connection		



	Core colours :
BN =	brown
BU =	blue