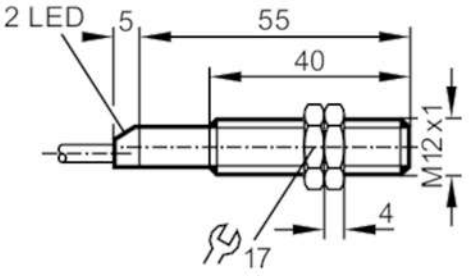
OF5018

Through-beam sensor transmitter

OFS-OOKG



Product characteristics		
Type of light		infrared light
Housing		threaded type
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

OF5018

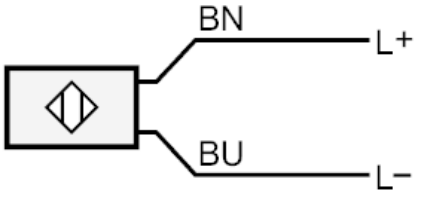
Through-beam sensor transmitter

OFS-OOKG

Materials	brass nickel-plated	
Lens material	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 mm²

Connection



	Core colours :
BN =	brown
BU =	blue