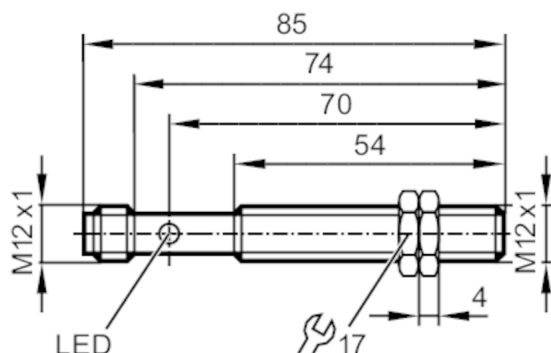


# OF5021



## Through-beam sensor transmitter

OFS-00KG/US-100



### 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]	< 25
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
Range adjustable	no
Max. light spot diameter [mm]	700
Light spot dimensions refer to	at maximum range

### Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65

### Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	1597



## Through-beam sensor transmitter

OFS-OOKG/US-100

Mechanical data		
Weight	[g]	35.5
Housing		Threaded type
Dimensions	[mm]	M12 x 1 / L = 74
Thread designation		M12 x 1
Material		brass white bronze coated
Lens material		PMMA
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Items supplied		lock nuts: 2 x
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Connector: 1 x M12; coding: A



## Connection

