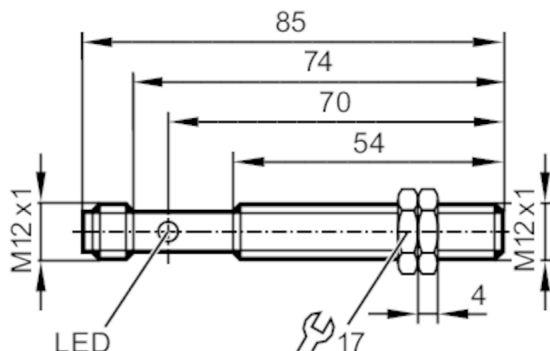




## Through-beam sensor transmitter

OFS-00KG/US-100



### 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]	< 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	pulsed
Overload protection	yes

### Detection zone

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

### Mechanical data

Weight	[g]	35.5
--------	-----	------

# OF5021



## Through-beam sensor transmitter

OFS-00KG/US-100

Housing	threaded type
Dimensions [mm]	M12 x 1 / L = 74
Thread designation	M12 x 1
Materials	housing: brass white bronze coated
Lens material	PMMA

### Displays / operating elements

Display	operation	1 x LED, green
---------	-----------	----------------

### Accessories

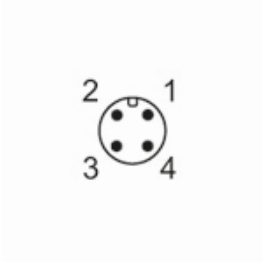
Items supplied	lock nuts: 2
----------------	--------------

### Remarks

Pack quantity	1 pcs.
---------------	--------

### Electrical connection

Connector: 1 x M12; coding: A



### Connection

