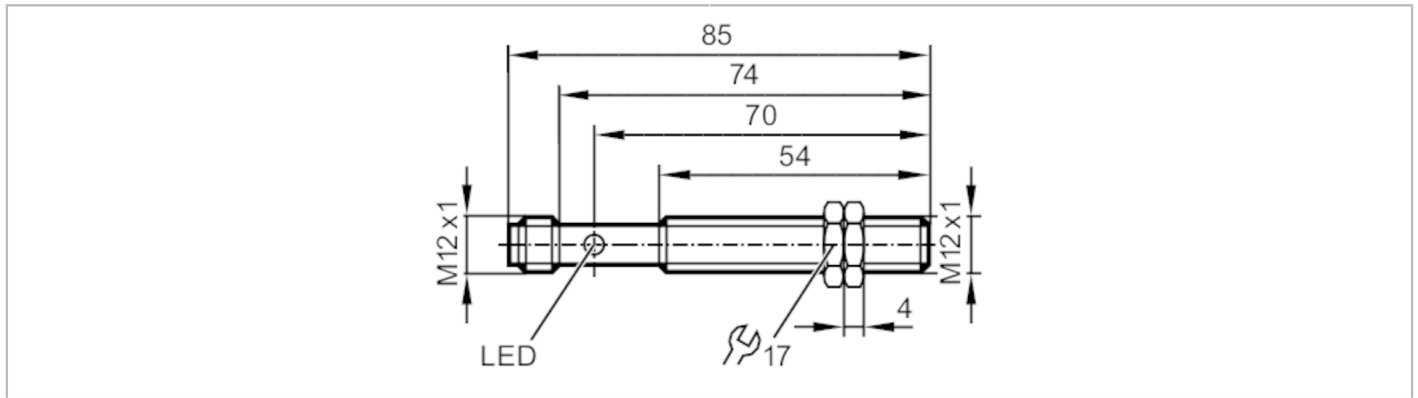


OF5021



Through-beam sensor transmitter

OFS-00KG/US-100



Product characteristics	
Type of light	infrared light
Housing	threaded type
Application	
Function principle	Through-beam sensor
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
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Accessories

Items supplied		lock nuts: 2 x
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

