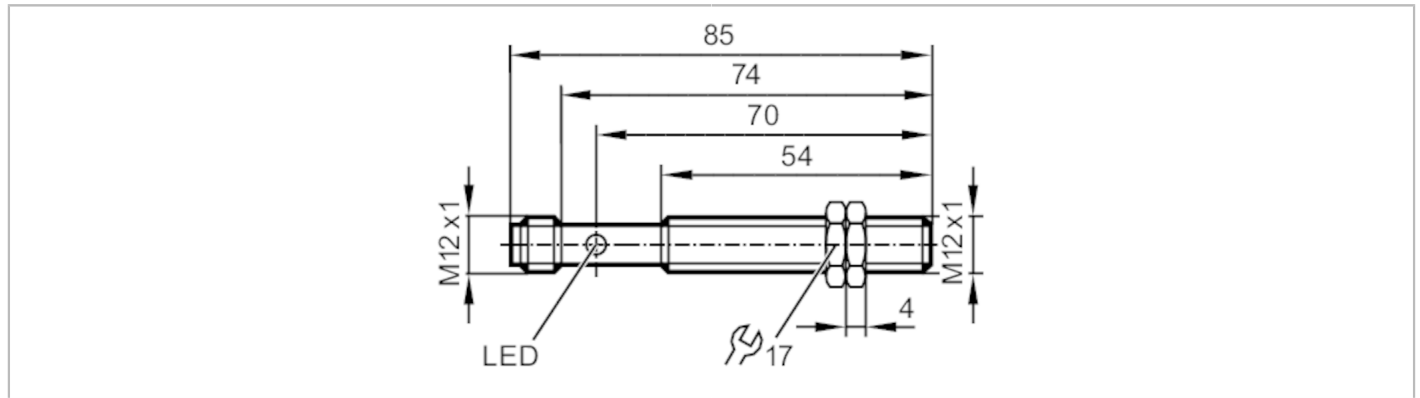


OF5021



Through-beam sensor transmitter

OFS-00KG/US-100



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

OF5021



Through-beam sensor transmitter

OFS-00KG/US-100

Mechanical data		
Weight	[g]	42
Housing		threaded type
Dimensions	[mm]	M12 x 1 / L = 74
Thread designation		M12 x 1
Materials		brass white bronze coated
Lens material		PMMA
Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Connector: 1 x M12



Connection

