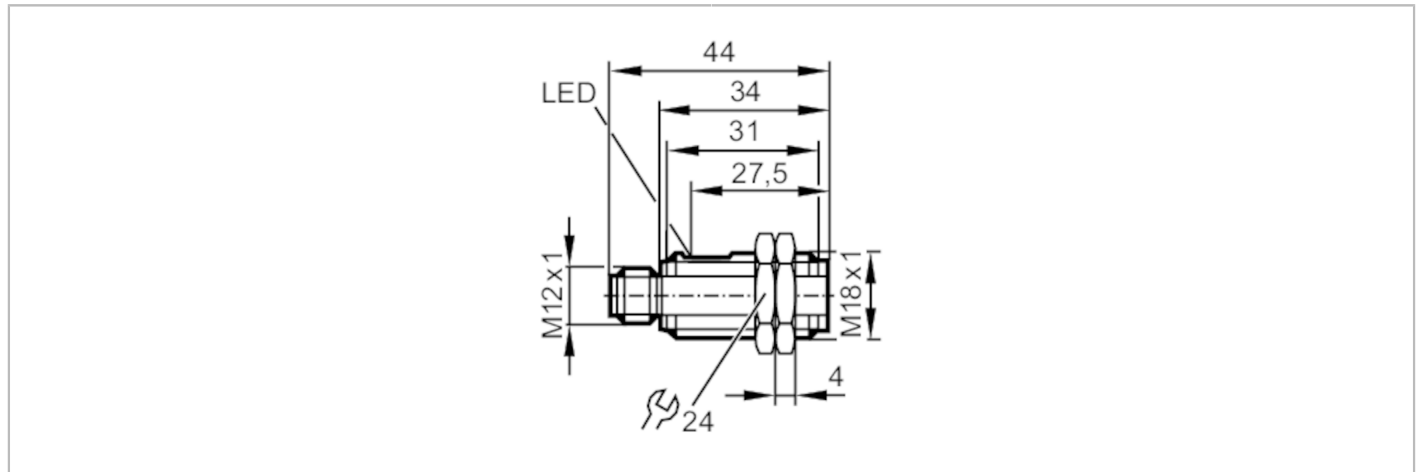


OGS100



Through-beam sensor transmitter

OGS-00KG/US



Application	
Function principle	Through-beam sensor
Electrical data	
Operating voltage [V]	10...30 DC
Current consumption [mA]	20
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	645
Detection zone	
Transmitter / receiver	transmitter
Range [m]	< 8
Range adjustable	no
Max. light spot diameter [mm]	600
Light spot dimensions refer to	at maximum range
Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 67; (in conjunction with a corresponding connector)
Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	1899
Mechanical data	
Weight [g]	15.4
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 44
Thread designation	M18 x 1
Materials	housing: ABS
Lens material	PMMA

OGS100



Through-beam sensor transmitter

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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

