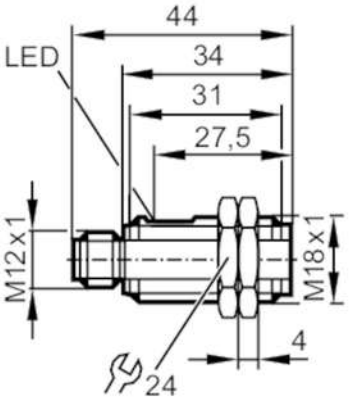
OGS100

Through-beam sensor transmitter

OGS-OOKG/US



Product characteristics		
Type of light		red light
Housing		threaded type
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]	14.3
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 44
Thread designation		M18 x 1

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Materials	housing: ABS	
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

