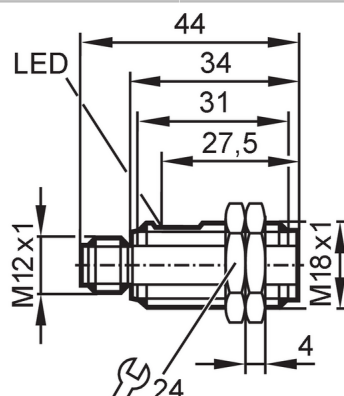


OGS100



Through-beam sensor transmitter

OGS-00KG/US



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Function principle	Through-beam sensor
Application	For use in conveying and materials handling

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

Monitoring range

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]	1823

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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Material	housing: ABS	
Lens material	front lens:PMMA	
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection

