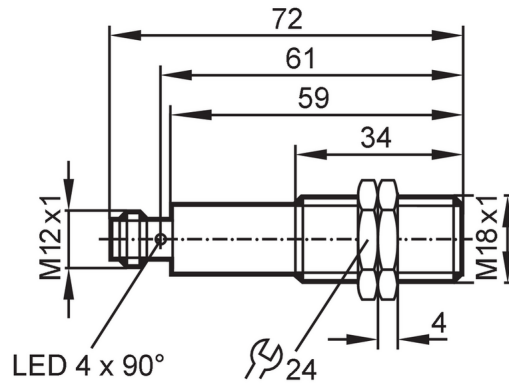


OGS500



Through-beam sensor transmitter

OGS-00KG/US100



Product characteristics	
Type of light	red light
Housing	Threaded type
Application	
Function principle	Through-beam sensor
Application	Industrial applications
Electrical data	
Operating voltage [V]	10...36 DC
Current consumption [mA]	20
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624
Monitoring range	
Transmitter / receiver	transmitter
Range [m]	< 25
Range adjustable	no
Max. light spot diameter [mm]	1000
Light spot dimensions refer to	at maximum range
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	629
Mechanical data	
Weight [g]	62.3
Housing	Threaded type
Dimensions [mm]	M18 x 1 / L = 72
Thread designation	M18 x 1
Material	stainless steel (1.4404 / 316L); PA; EPDM

OGS500



Through-beam sensor transmitter

OGS-00KG/US100

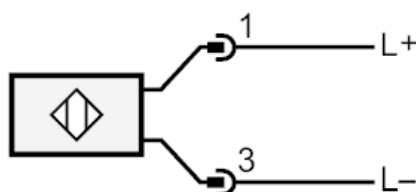
Lens material	front lens:PMMA	
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Remarks	cULus - Class 2 source required	
Pack quantity	1 pcs.	

Electrical connection

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



Connection



Diagrams and graphs

excess gain graph

