



Through-beam sensor transmitter

OGS-00KG/US100



Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624

Detection zone

Transmitter / receiver	transmitter
Range [m]	< 20
Range adjustable	no
Max. light spot diameter [mm]	800
Light spot dimensions refer to	at maximum range

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2
MTTF [years]	755

Mechanical data

Weight [g]	50.2
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 60
Thread designation	M18 x 1
Materials	housing: stainless steel (1.4404 / 316L)
Lens material	PMMA

OGS200



Through-beam sensor transmitter

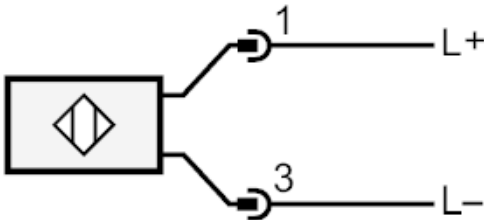
OGS-00KG/US100

Displays / operating elements		
Display	operation	1 x LED, green
Accessories		
Accessories (supplied)	lock nuts: 2 x	
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	
Electrical connection		

Connector: 1 x M12



Connection





Through-beam sensor transmitter

OGS-00KG/US100

Diagrams and graphs

excess gain graph

