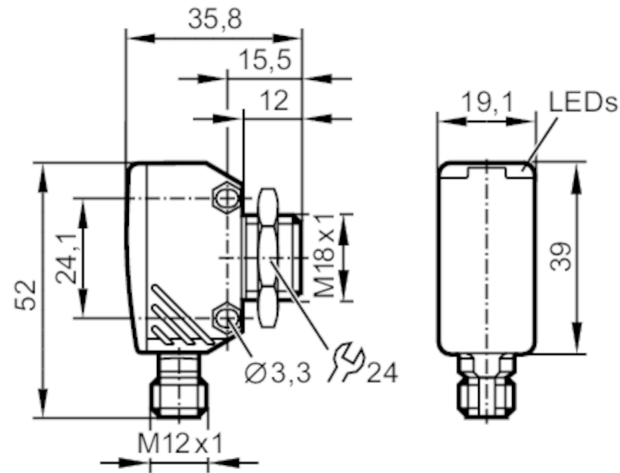


OGS280



Through-beam sensor transmitter

OGS-OOKG/US/CUBE



transmitter in lower lens
receiver in upper lens



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]	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]	1945

OGS280



Through-beam sensor transmitter

OGS-00KG/US/CUBE

Mechanical data

Weight	[g]	59
Housing		rectangular
Materials		diecast zinc; PEI
Lens material		PMMA
Lens alignment		side lens

Displays / operating elements

Display	operation	1 x LED, green
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Accessories

Accessories (supplied)	lock nut: 1 x
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Remarks

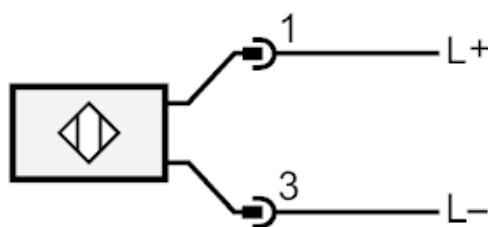
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12



Connection





Through-beam sensor transmitter

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Diagrams and graphs

excess gain graph

