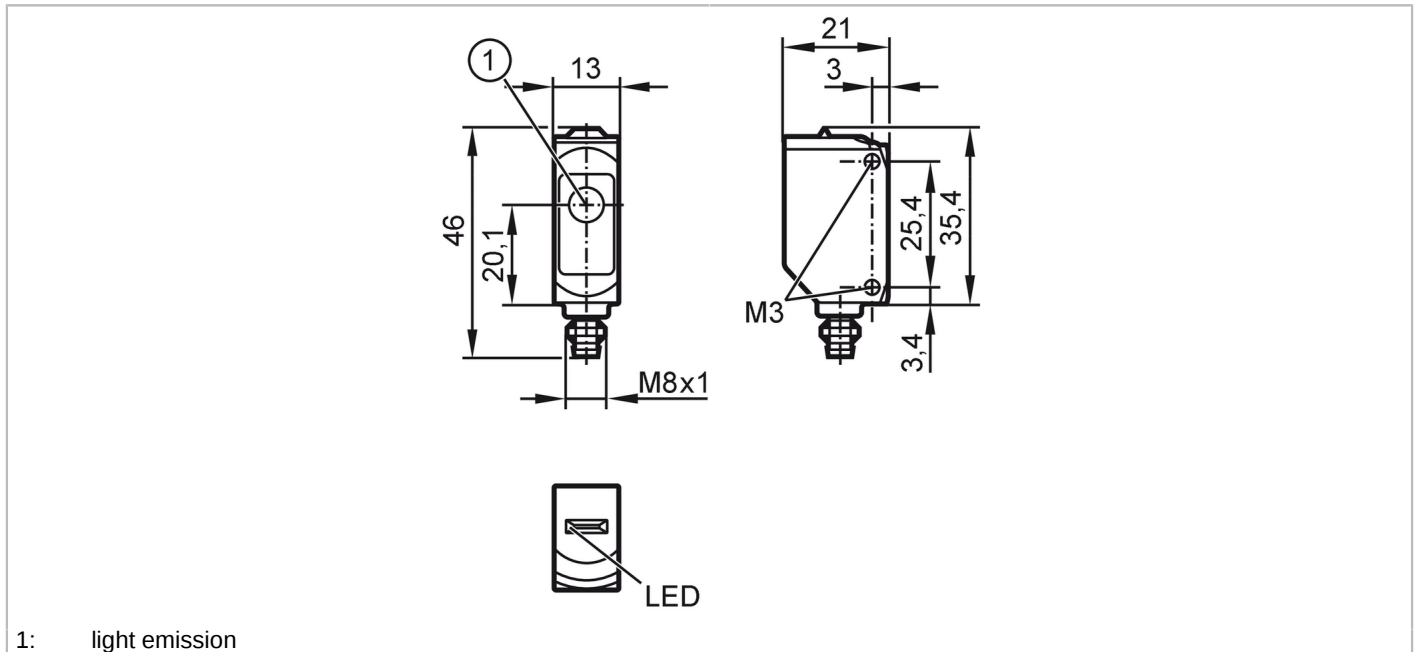


O6S202



Through-beam sensor transmitter

O6S-00KG/AS/3P



1: light emission



Product characteristics	
Type of light	red light
Housing	rectangular
Application	
Function principle	Through-beam sensor
Application	Industrial applications / factory automation
Electrical data	
Operating voltage [V]	10...30 DC
Current consumption [mA]	11; ((24 V))
Protection class	III
Type of light	red light
Wave length [nm]	633
Detection zone	
Transmitter / receiver	transmitter
Range [m]	< 10
Max. light spot diameter [mm]	300
Light spot dimensions refer to	at maximum range
Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 65; IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	2600



Through-beam sensor transmitter

O6S-OOKG/AS/3P

UL approval	Ta	-25...40 °C
	Enclosure type	Type 1
	power supply	Class 2
	UL approval no.	E002

Mechanical data

Weight	[g]	17.7
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS orange; upper part of the housing: PPSU black
Lens material		front pane:PMMA
Lens alignment		side lens
Sealing material		EPDM
Tightening torque	[Nm]	0.5

Displays / operating elements

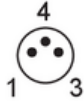
Display	operation	1 x LED, green
---------	-----------	----------------

Remarks

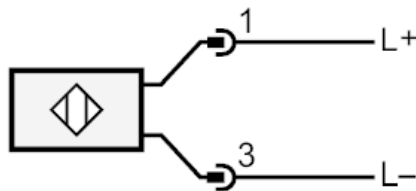
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M8; coding: A; Contacts: 3; Locking: brass, coated; Sealing: EPDM



Connection



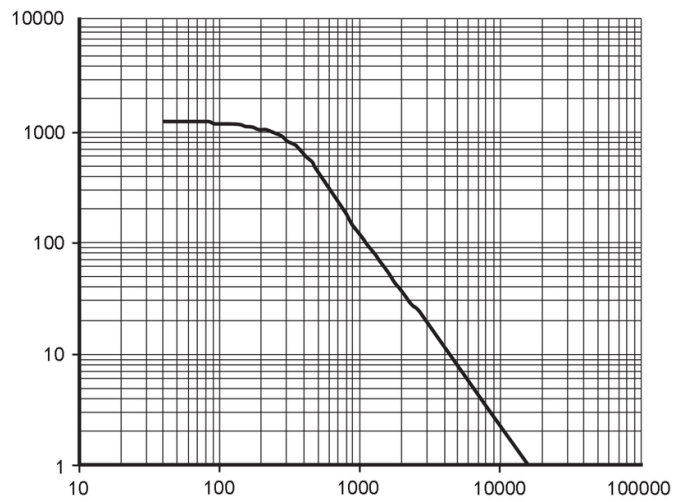


Through-beam sensor transmitter

O6S-00KG/AS/3P

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor