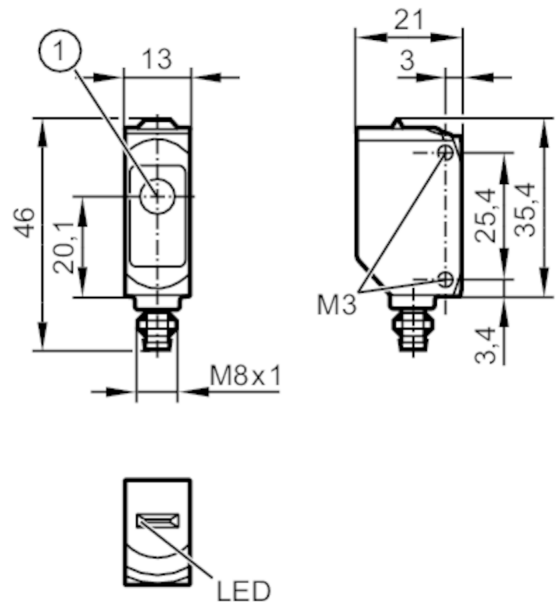




Through-beam sensor transmitter

O6S-00KG/AS/3P



1: light emission



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Function principle		Through-beam sensor
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
UL approval	UL Approval no.	E002



Through-beam sensor transmitter

O6S-OOKG/AS/3P

Mechanical data		
Weight	[g]	17.7
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS; PPSU
Lens material		PMMA
Lens alignment		side lens
Sealing material		EPDM
Tightening torque	[Nm]	0.5

Displays / operating elements		
Display	operation	1 x LED, green

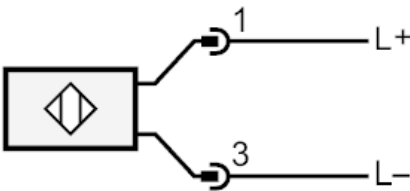
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.

Electrical connection

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



Connection



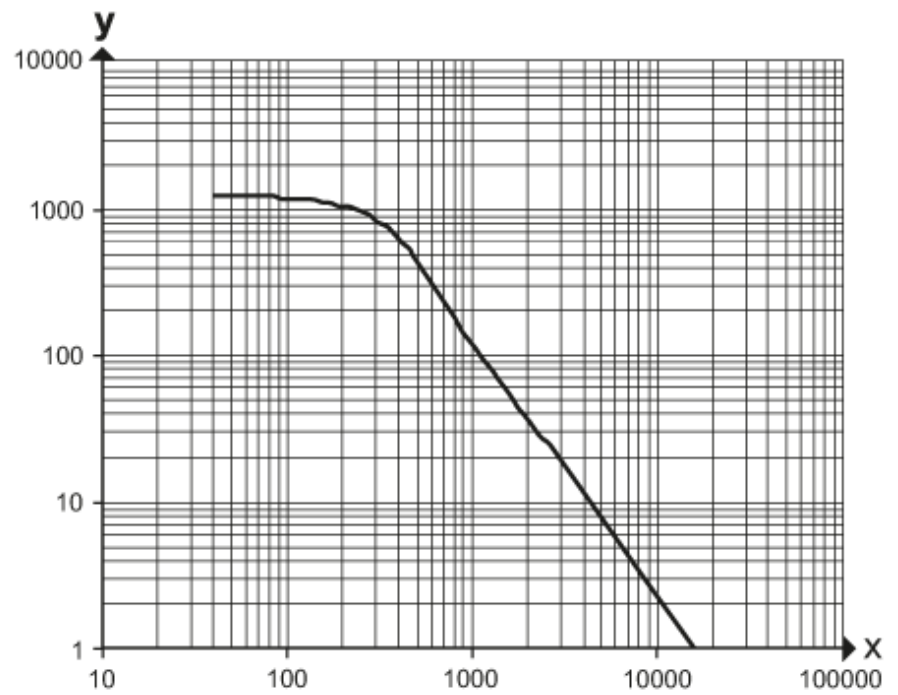


Through-beam sensor transmitter

O6S-00KG/AS/3P

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor