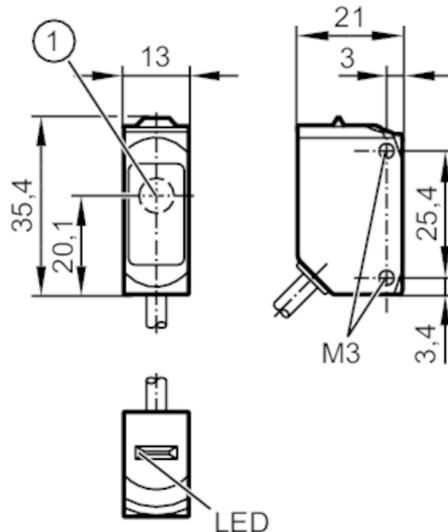


O6S200



Through-beam sensor transmitter

O6S-OOKG



1 light emission



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	35,4 x 13 x 21

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

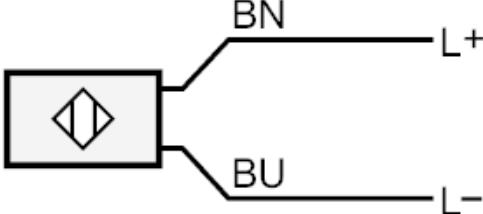
EMC	EN 60947-5-2	
MTTF [years]	2600	
UL approval	UL Approval no.	E007

O6S200



Through-beam sensor transmitter

O6S-00KG

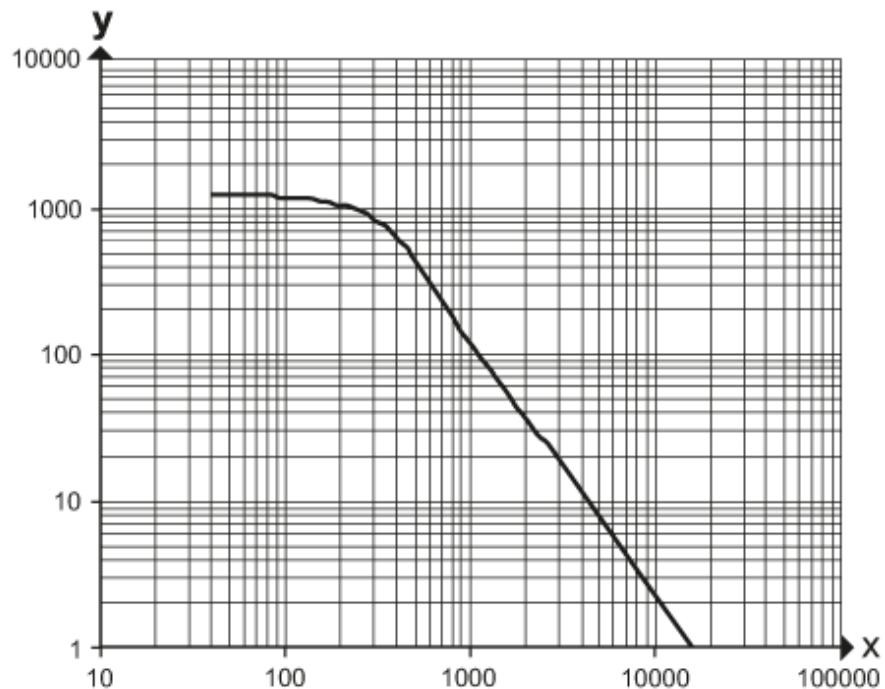
Mechanical data		
Weight	[g]	56
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS; PPSU; Sealing: EPDM
Lens material		PMMA
Lens alignment		side lens
Tightening torque	[Nm]	0.5
Displays / operating elements		
Display	operation	1 x LED, green
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR; 2 x 0.25 mm ²		
Connection		
		
Core colours :		
BN =	brown	
BU =	blue	

Through-beam sensor transmitter

O6S-OOKG

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor