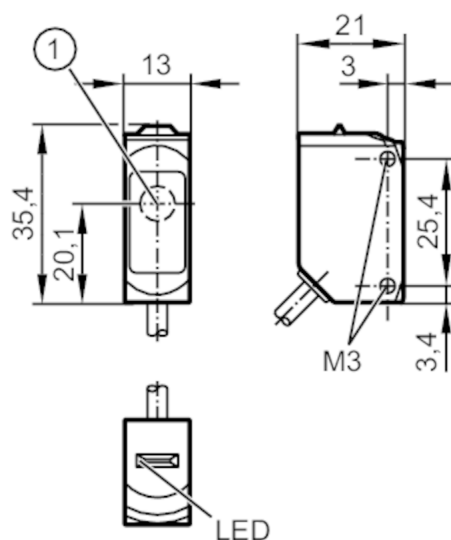


O6S200



Through-beam sensor transmitter

O6S-00KG



1 light emission



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

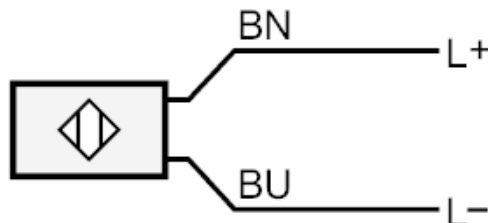
Mechanical data		
Weight	[g]	54
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS; PPSU; Sealing: EPDM
Lens material		PMMA
Lens alignment		side lens
Tightening torque	[Nm]	0.5

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 :

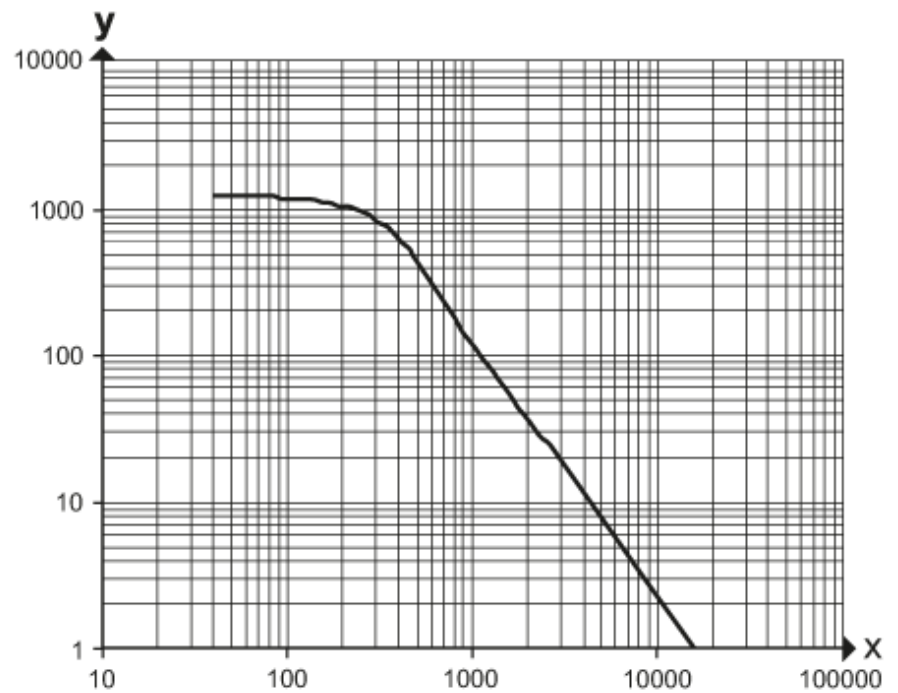
BN = brown
BU = blue

Through-beam sensor transmitter

O6S-00KG

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor