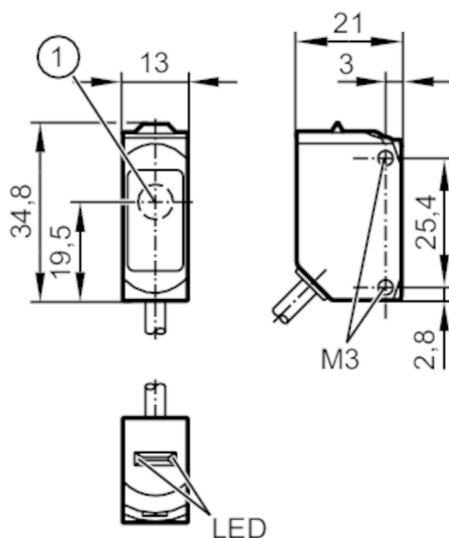


O6S300



Through-beam sensor transmitter

O6S-00KG



1 light emission



Application

Function principle	Through-beam sensor
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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...80
Protection		IP 65; IP 67; IP 68; IP 69K

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	2600
UL approval	UL Approval no.	E004

O6S300



Through-beam sensor transmitter

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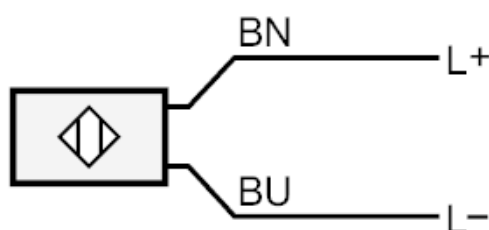
Mechanical data		
Weight	[g]	79.2
Housing		rectangular
Dimensions	[mm]	34.8 x 13 x 21
Materials		housing: stainless steel (1.4404 / 316L); plastics: PPSU; Sealing: EPDM
Lens material		PMMA
Lens alignment		side lens

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, PVC; 2 x 0.25 mm ²		

Connection



Core colours :

BN = brown
BU = blue

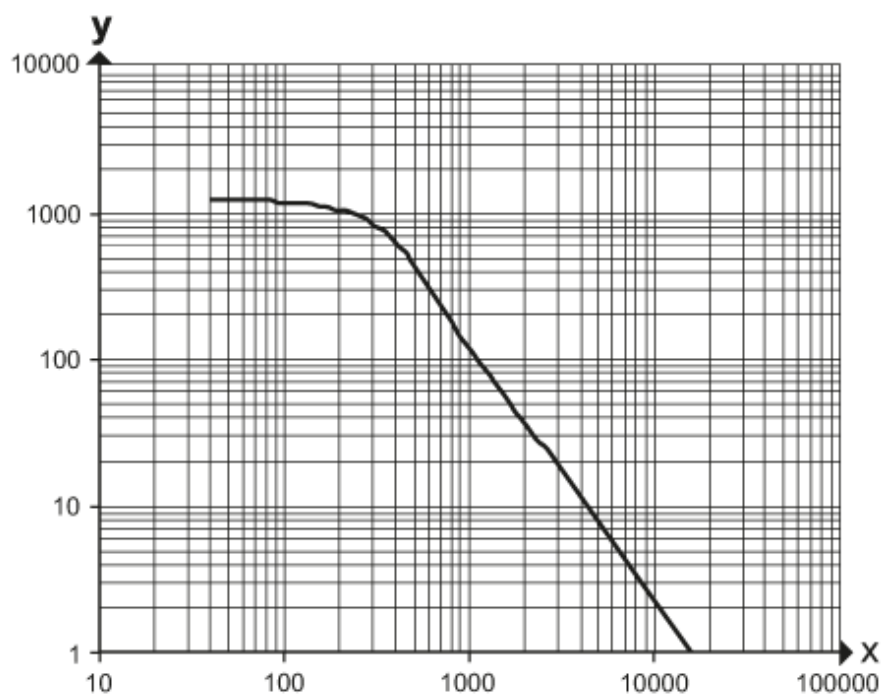


Through-beam sensor transmitter

O6S-00KG

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor