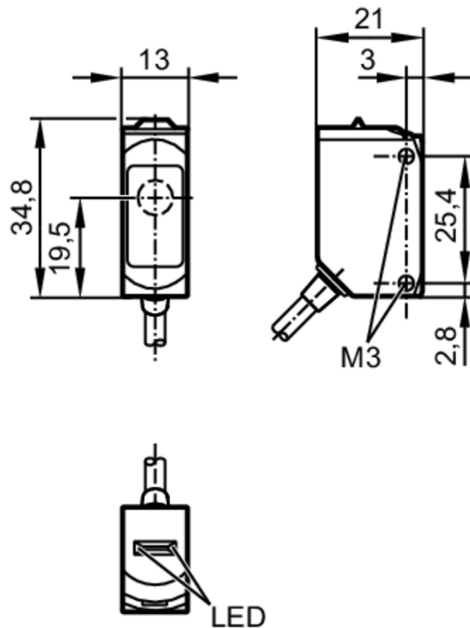


O6S300



Through-beam sensor transmitter

O6S-00KG



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
Monitoring range		
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 number E004

O6S300



Through-beam sensor transmitter

O6S-00KG

Mechanical data		
Weight	[g]	76.4
Housing		rectangular
Material		housing: stainless steel (1.4404 / 316L); plastics: PPSU; sealing: EPDM
Lens material		PMMA
Lens alignment		Side sensing
Tightening torque	[Nm]	1; (screws)

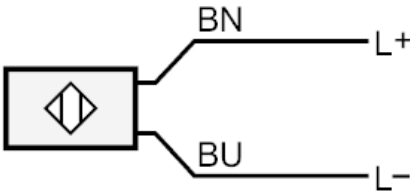
Displays / operating elements		
Display	Power	1 x LED, green

Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection

Cable: 2 m, PVC; 2 x 0.25 mm²

Connection



BN = Core colors : brown
BU = blue

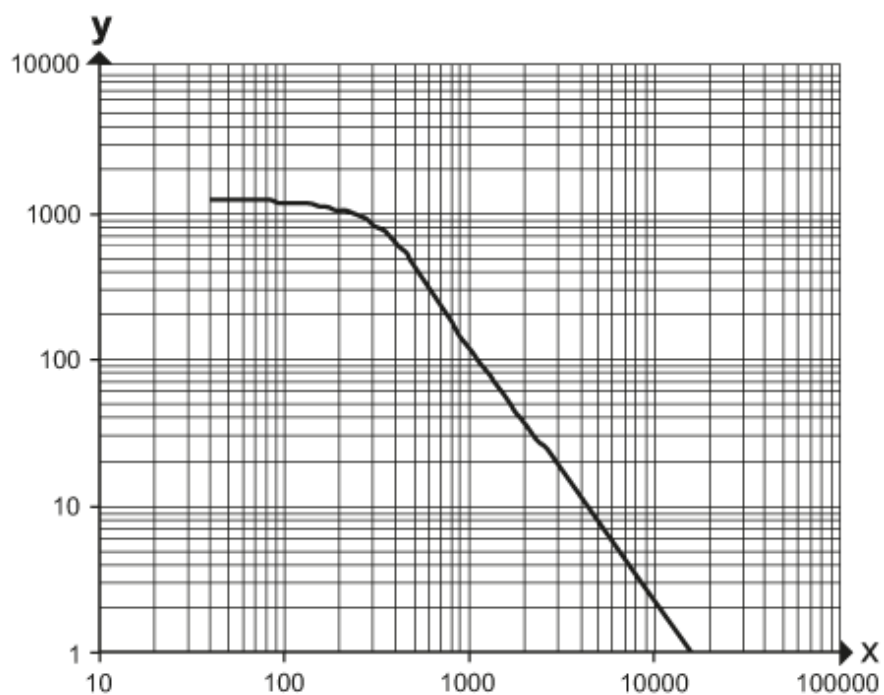


Through-beam sensor transmitter

O6S-00KG

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor