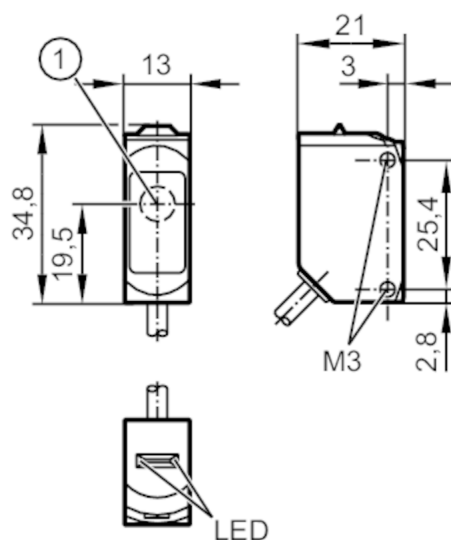


O6S401



Through-beam sensor transmitter

O6S-00KG/5M



1 light emission



Application

Function principle	Through-beam sensor
Application	suited for use in the machine tool industry

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; IP 68

Tests / approvals

EMC		EN 60947-5-2	
MTTF	[years]	2942	
UL approval		UL Approval no.	E019

O6S401



Through-beam sensor transmitter

O6S-00KG/5M

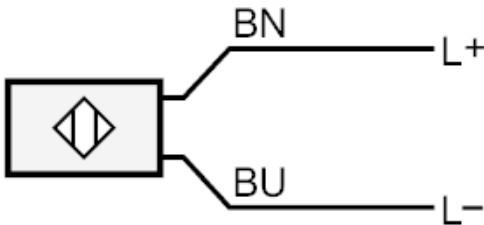
Mechanical data		
Weight	[g]	127.6
Housing		rectangular
Dimensions	[mm]	34.8 x 13 x 21
Materials		housing: stainless steel (1.4404 / 316L); plastics: PPSU; Sealing: FKM
Lens material		PMMA
Lens alignment		side lens

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: 5 m, PUR; 2 x 0.25 mm²		

Connection



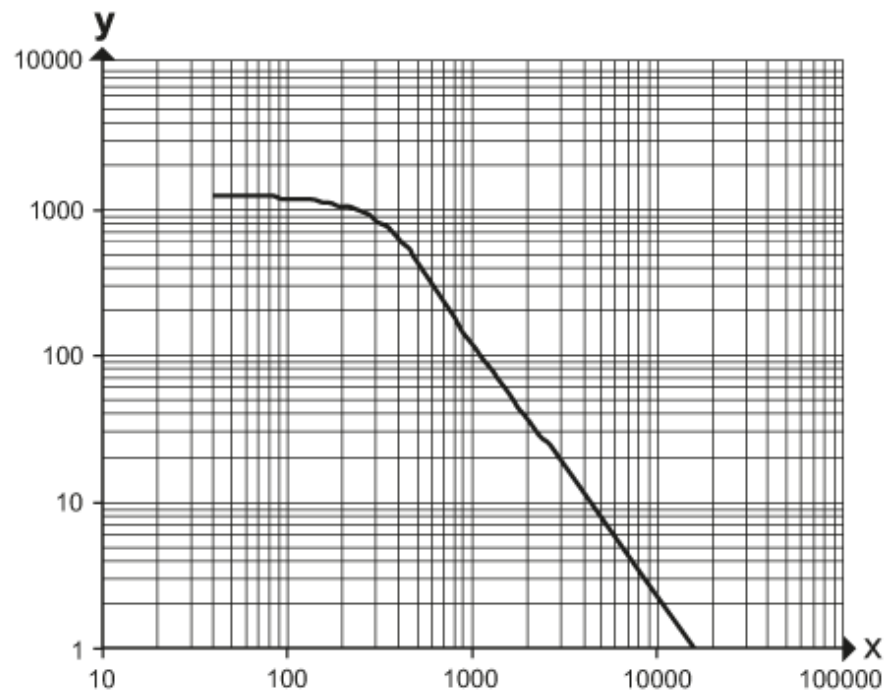
	Core colours :
BN =	brown
BU =	blue

Through-beam sensor transmitter

O6S-00KG/5M

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor