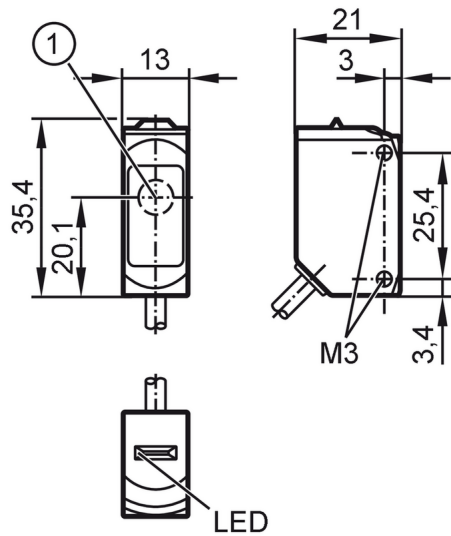


O6S200



Through-beam sensor transmitter

O6S-00KG



1 Sensing surface



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Through-beam sensor
Application	Industrial applications

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...60
Protection		IP 65; IP 67

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	2600
UL approval	Ta	-25...60 °C
	Enclosure type	Type 1
	voltage supply	Class 2
	UL approval number	E007

O6S200



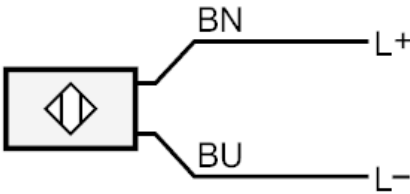
Through-beam sensor transmitter

O6S-00KG

Mechanical data		
Weight	[g]	56
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Material		housing: ABS orange; upper part of the housing: PPSU black; sealing: EPDM
Lens material		front lens:PMMA
Lens alignment		Side sensing
Tightening torque	[Nm]	0.5

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, PUR; 2 x 0.25 mm²	
Connection	



BN =

BU =

Core colors :
brown
blue

O6S200

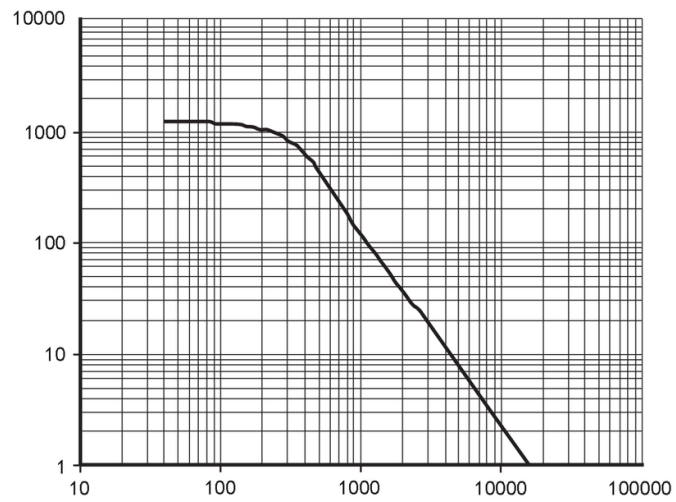


Through-beam sensor transmitter

O6S-00KG

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor