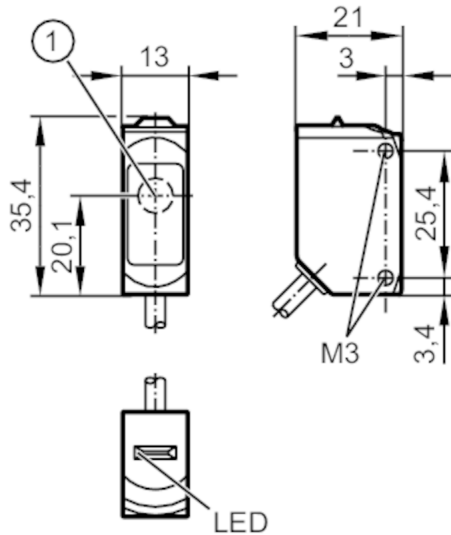


O6S201



Through-beam sensor transmitter

O6S-OOKG/0,30m/US



1 Sensing surface



Product characteristics

Type of light	red light
Housing	rectangular

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

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	UL approval number	E013

Mechanical data

Weight	[g]	32.4
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O6S201



Through-beam sensor transmitter

O6S-OOKG/0,30m/US

Housing	rectangular
Dimensions [mm]	35.4 x 13 x 21
Material	housing: ABS; PPSU; sealing: EPDM
Lens material	PMMA
Lens alignment	Side sensing
Tightening torque [Nm]	0.5

Displays / operating elements

Display	Power	1 x LED, green
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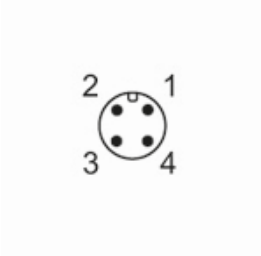
Remarks

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

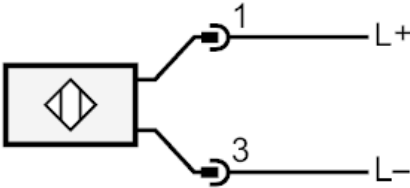
Electrical connection

Cable: 0.3 m, PUR; 2 x 0.25 mm²

Connector: 1 x M12; coding: A



Connection



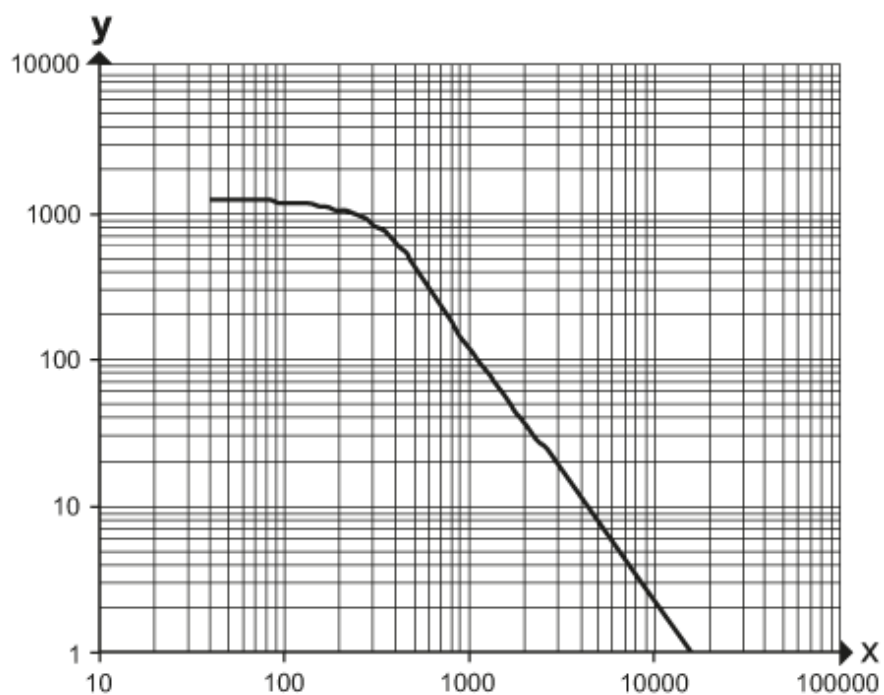


Through-beam sensor transmitter

O6S-OOKG/0,30m/US

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor