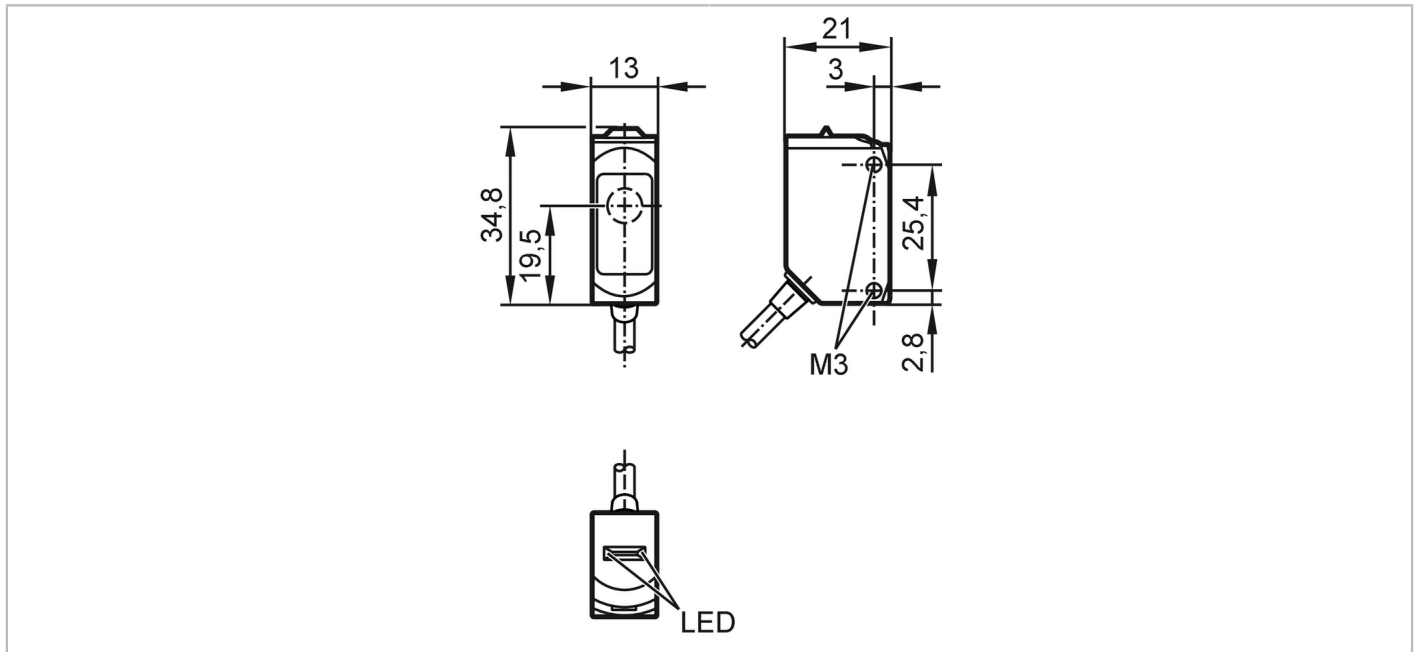


O6S300



Through-beam sensor transmitter

O6S-00KG



Product characteristics	
Type of light	red light
Housing	rectangular
Application	
Function principle	Through-beam sensor
Application	food and beverage 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
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

O6S300



Through-beam sensor transmitter

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UL approval	Ta	-25...80 °C
	Enclosure type	Type 1
	voltage supply	Class 2
	UL approval number	E004

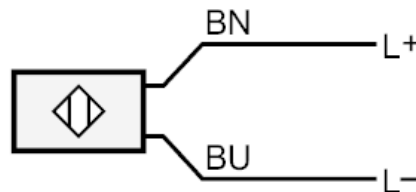
Mechanical data	
Weight [g]	76.4
Housing	rectangular
Dimensions [mm]	34.8 x 13 x 21
Material	housing: stainless steel (1.4404 / 316L); sealing: EPDM; plastics: PPSU
Lens material	front lens:PMMA
Lens alignment	Side sensing
Tightening torque [Nm]	1; (screws)

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 mm ²	

Connection



BN = Core colors : brown
BU = blue

O6S300

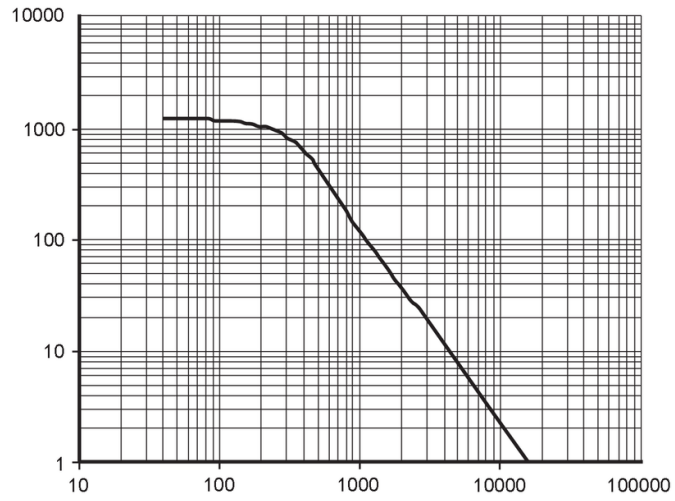


Through-beam sensor transmitter

O6S-00KG

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor