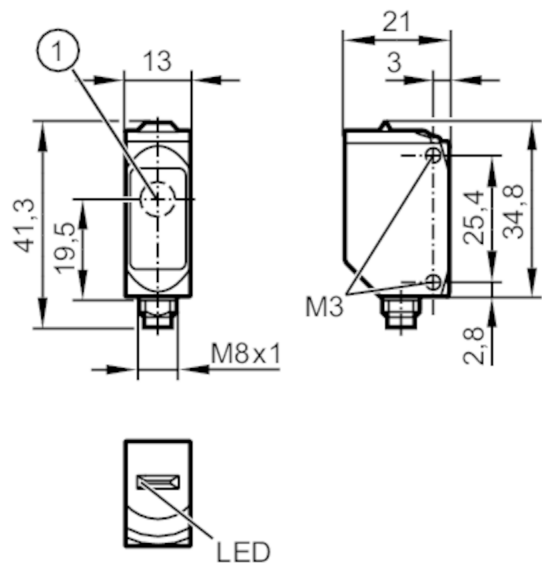


O6S303



Through-beam sensor transmitter

O6S-OOKG/AS/4P



1: Sensing surface



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		Ta	-25...40 °C
		Enclosure type	Type 1
		voltage supply	Class 2
		UL approval number	E002

O6S303



Through-beam sensor transmitter

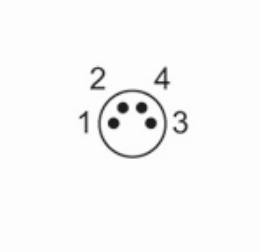
O6S-00KG/AS/4P

Mechanical data		
Weight	[g]	33.8
Housing		rectangular
Dimensions	[mm]	34.8 x 13 x 21
Material		housing: stainless steel (1.4404 / 316L); plastics: PPSU; sealing: EPDM
Lens material		PMMA
Lens alignment		Side sensing
Tightening torque	[Nm]	1; (screws)

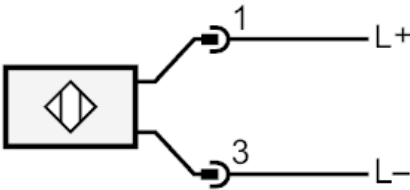
Displays / operating elements		
Display	Power	1 x LED, green
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M8; coding: A



Connection





Through-beam sensor transmitter

O6S-00KG/AS/4P

Diagrams and graphs

excess gain graph



x: distance [mm]

y: excess gain factor