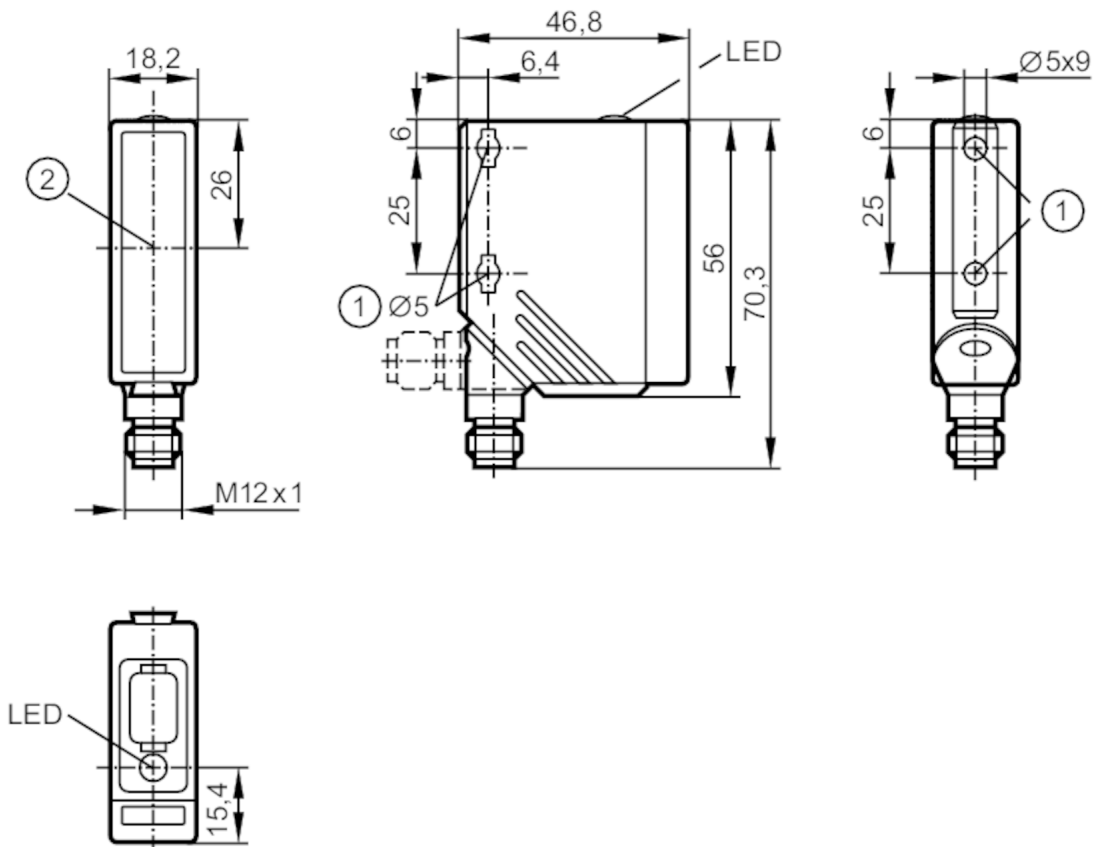


O5S700



Through-beam laser sensor transmitter

O5SLOOKG/US100



- 1 When a M5 mounting screw is used, the max. tightening torque is 2 Nm.
2 Sensing surface



Product characteristics

Type of light	red light
Laser protection class	1
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	13
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	655

Monitoring range

Transmitter / receiver		transmitter
Range	[m]	< 60
Range adjustable		no
Max. light spot diameter	[mm]	150

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Light spot dimensions refer to _____ at maximum range

Operating conditions

Ambient temperature [°C] _____ -10...60

Protection _____ IP 67

Tests / approvals

EMC _____ EN 60947-5-2

Laser protection class _____ 1

Notes on laser protection _____ Caution: Laser light

laser class: _____ 1

_____ EN / IEC60825-1:2007

_____ EN / IEC60825-1:2014

_____ Complies with 21 CFR 1040.10 except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019.

MTTF [years] _____ 1038

Mechanical data

Weight [g] _____ 67

Housing _____ rectangular

Dimensions [mm] _____ 56 x 18.2 x 46.8

Material _____ housing: PA; Front framework: stainless steel; operator interface: TPU (urethane)

Lens material _____ PMMA

Lens alignment _____ Side sensing

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 M12; coding: A



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Connection

