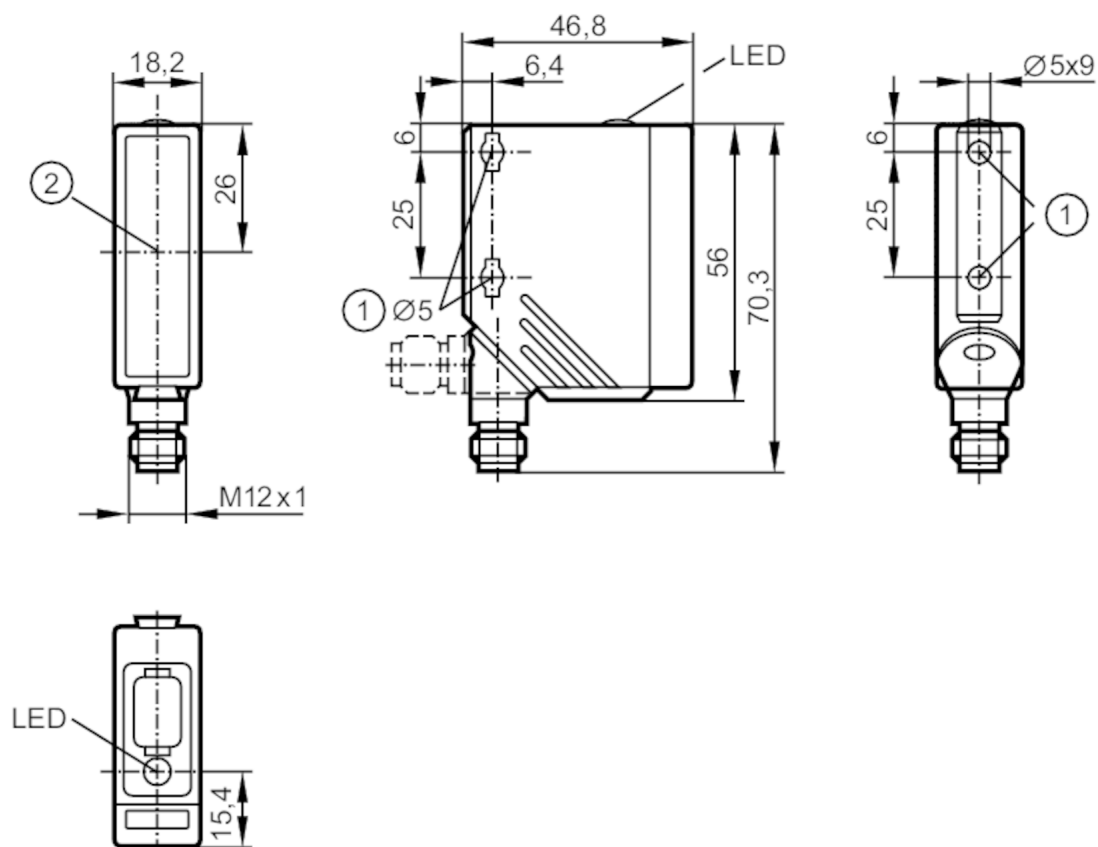


O5S700



Through-beam laser sensor transmitter

O5SLOOKG/US100



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



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

Detection zone

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 except for deviations pursuant to Laser Notice No. 50, dated June 2007.

MTTF [years] 1038

Mechanical data

Weight [g] 67

Housing rectangular

Dimensions [mm] 56 x 18.2 x 46.8

Materials housing: PA; bezel: stainless steel; operator interface: TPU

Lens material PMMA

Lens alignment side lens

Displays / operating elements

Display operation 1 x LED, green

Remarks

Remarks operating voltage "supply class 2" according to cULus

Pack quantity 1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



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Connection

