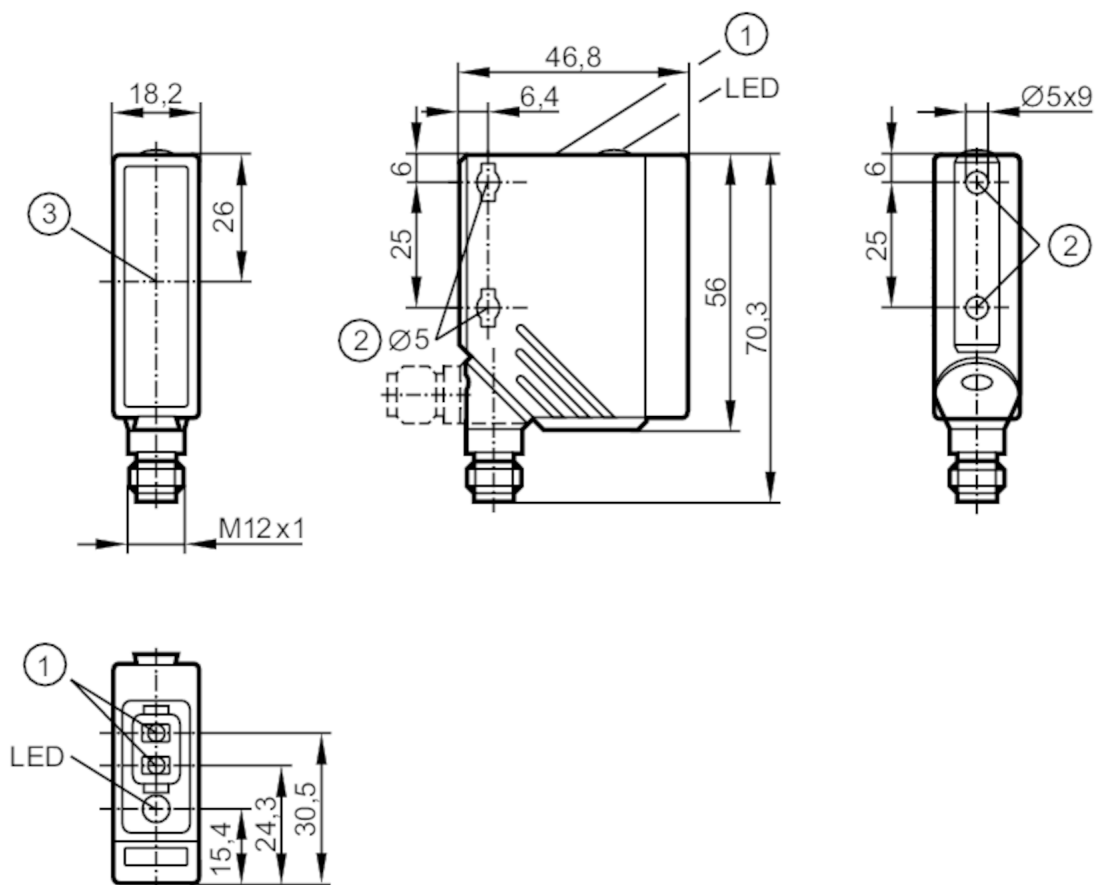


O5E700



Through-beam laser sensor receiver

O5ELFPKG/US100



- 1 programming buttons
- 2 When a M5 mounting screw is used, the max. tightening torque is 2 Nm.
- 3 Light incidence



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...36 DC
Current consumption	[mA]	11
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	655

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC	[V]	2.5

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Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 60
Range adjustable		yes
Diameter of the smallest detectable object	[mm]	3; (60 m)

Operating conditions

Ambient temperature	[°C]	-10...60
Protection		IP 67

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	788

Mechanical data

Weight	[g]	67.5
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	switching status	1 x LED, yellow
Teach function		yes
Electronic lock		yes

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

