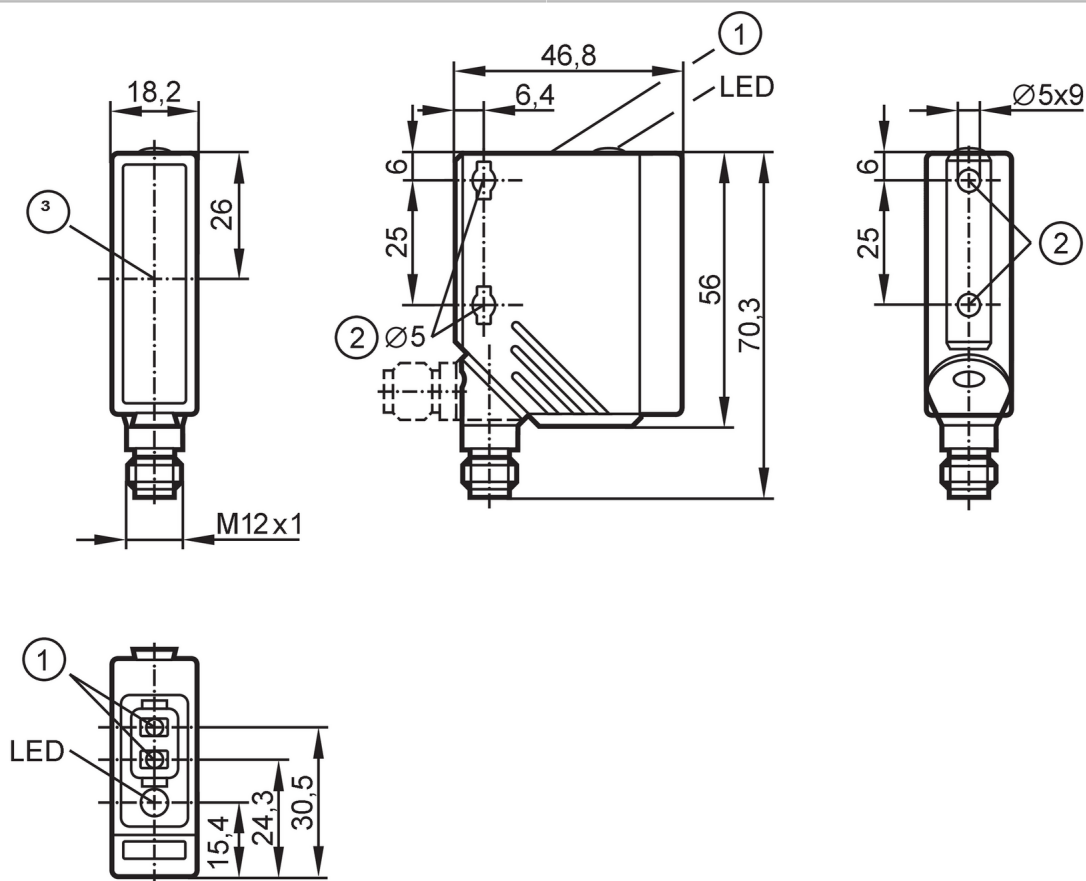


O5E700



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
Application		Industrial applications
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		yes (non-latching)
Overload protection		yes

Monitoring range		
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
Material		housing: PA; Front framework: stainless steel; operator interface: TPU (urethane)
Lens material		front lens:PMMA
Lens alignment		Side sensing

Displays / operating elements		
Display	Switching status	1 x LED, yellow
Teach function		yes
Electronic lock		yes

Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection		
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Connector: 1 x M12; coding: A; Contacts: 4



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Connection

