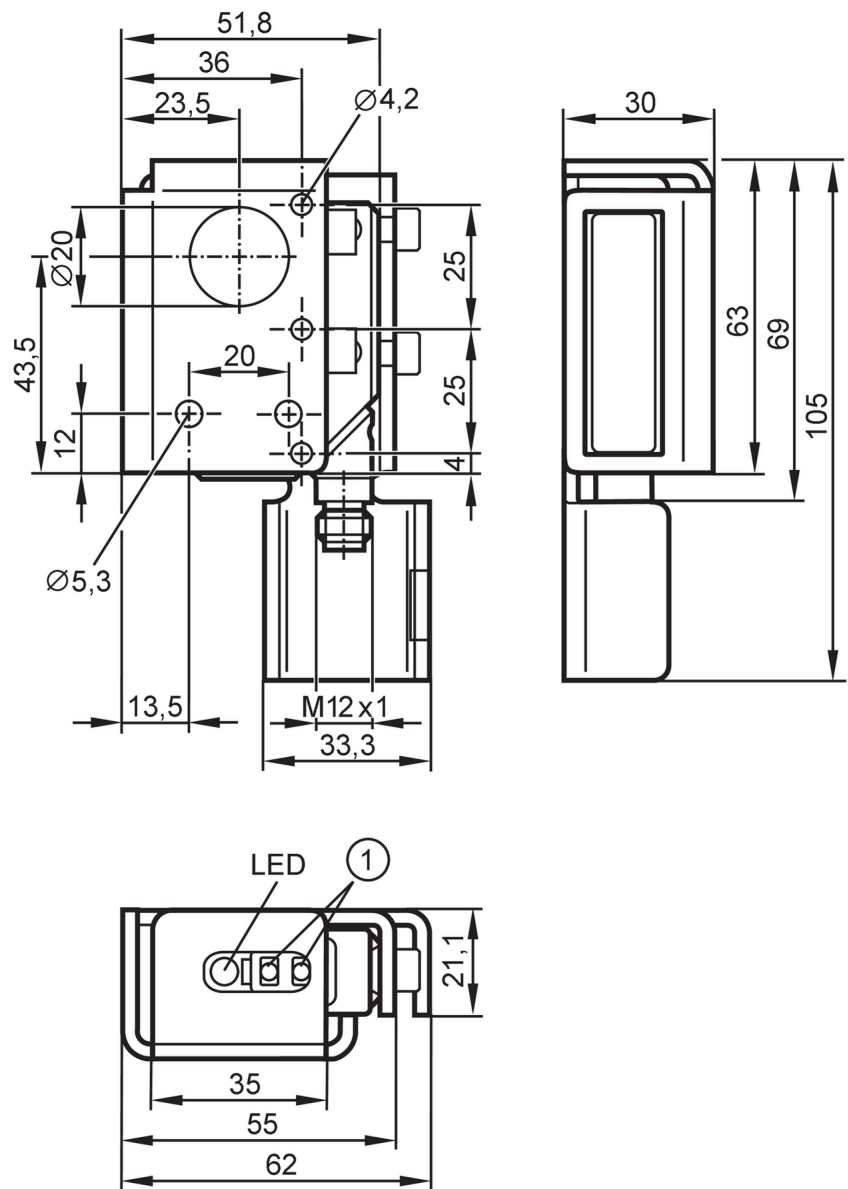


O5S51A



Through-beam sensor transmitter

O5S-OOKG/US100/3D



1 Programming buttons



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Through-beam sensor
Application	For applications in hazardous areas

Electrical data

Operating voltage	[V]	10...30 DC; (when used outside the hazardous area: 10...36)
Current consumption	[mA]	20
Protection class		III
Reverse polarity protection		yes

O5S51A



Through-beam sensor transmitter

O5S-OOKG/US100/3D

Type of light	red light
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Monitoring range

Transmitter / receiver	transmitter
Range [m]	< 25
Range adjustable	no
Max. light spot diameter [mm]	625

Operating conditions

Ambient temperature [°C]	-10...50
Note on ambient temperature	when used outside the hazardous area: -25...60 °C
Protection	IP 65

Tests / approvals

ATEX marking	 II 3D Ex tc IIIC T105°C Dc X
EMC	EN 60947-5-2
MTTF [years]	617

Mechanical data

Weight [g]	332.5
Housing	rectangular
Dimensions [mm]	105 x 30 x 62
Material	housing: PA; Front framework: stainless steel; operator interface: TPU (urethane); Protective cover: stainless steel
Lens material	front lens:PMMA
Lens alignment	Side sensing

Displays / operating elements

Display	Power	1 x LED, green
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Remarks

Pack quantity	1 pcs.
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Electrical connection

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



Connection

