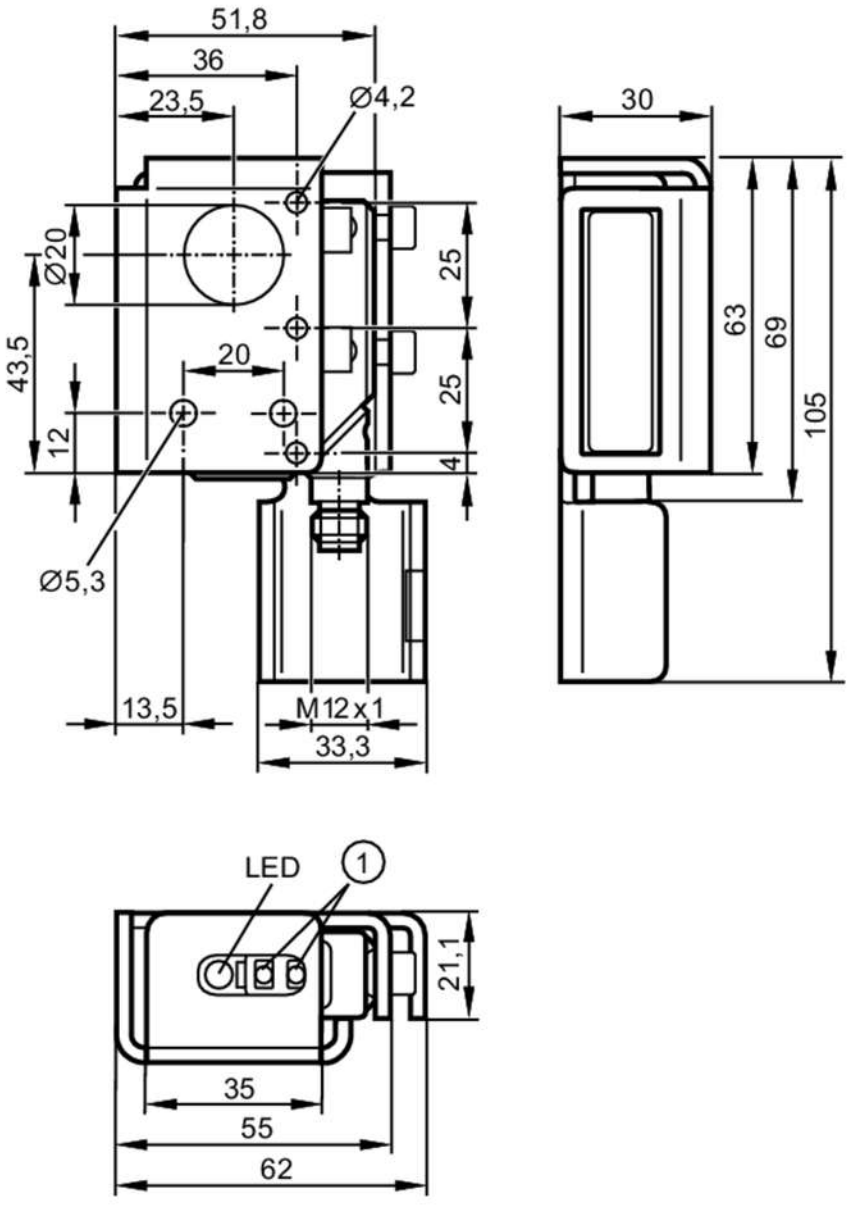
O5S51A

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
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

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Type of light			red light
Detection zone			
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
Materials			housing: PA; bezel: stainless steel; operator interface: TPU; Protective bracket: stainless steel
Lens material			PMMA
Lens alignment			side lens
Displays / operating elements			
Display		operation	1 x LED, green
Remarks			
Pack quantity			1 pcs.
Electrical connection			

Connector: 1 x M12; coding: A



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Connection

