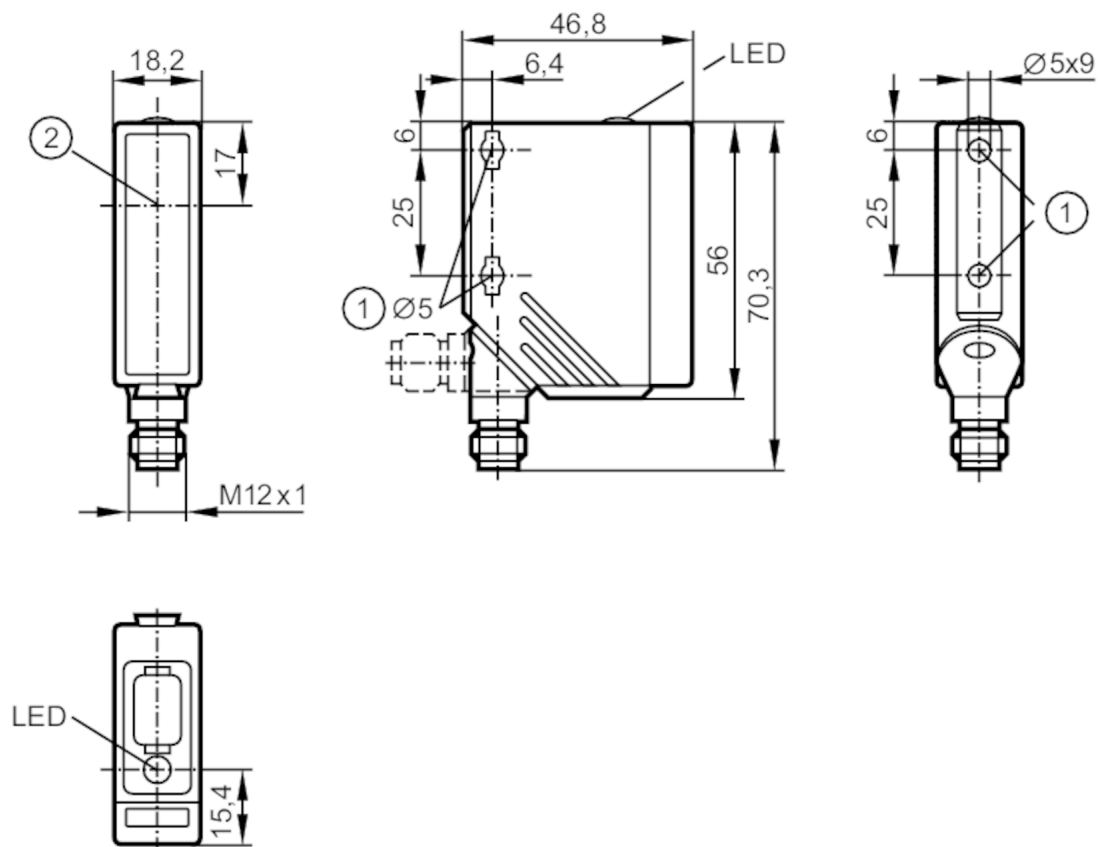


O5S500



Through-beam sensor transmitter

O5S-00KG/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
Housing	rectangular

Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	20
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624

Detection zone

Transmitter / receiver		transmitter
Range	[m]	< 25
Range adjustable		no
Max. light spot diameter	[mm]	625
Light spot dimensions refer to		at maximum range

O5S500



Through-beam sensor transmitter

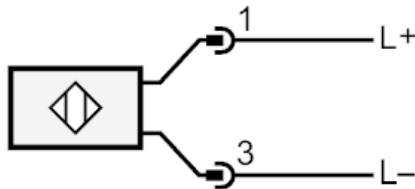
O5S-00KG/US100

Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	617
Mechanical data		
Weight	[g]	65.5
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	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



Connection



O5S500



Through-beam sensor transmitter

O5S-OOKG/US100

Diagrams and graphs

excess gain graph

