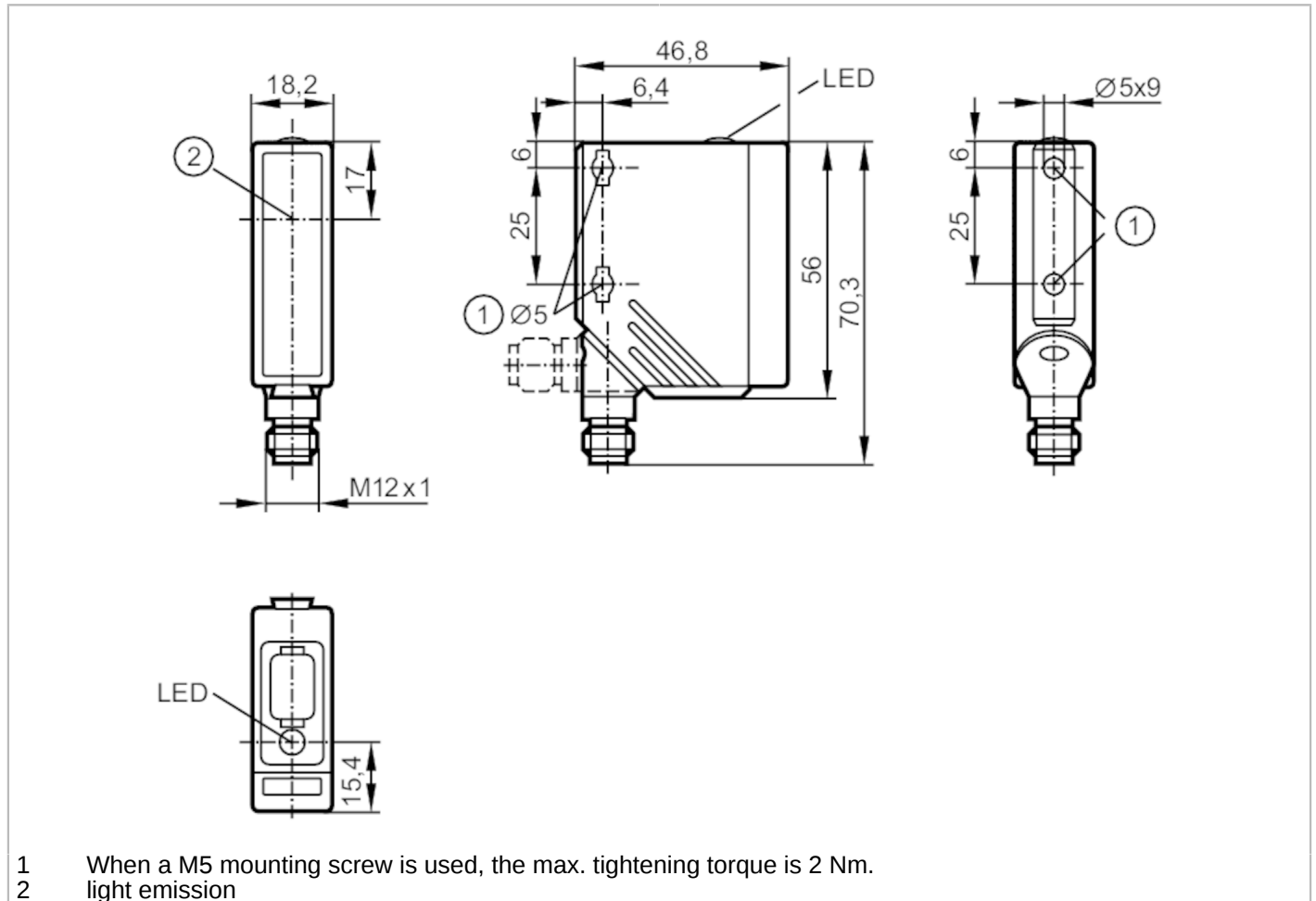


O5S500



Through-beam sensor transmitter

O5S-OOKG/US100



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	56 x 18.2 x 46.8

Application

Function principle	Through-beam sensor
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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

O5S500



Through-beam sensor transmitter

O5S-OOKG/US100

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

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



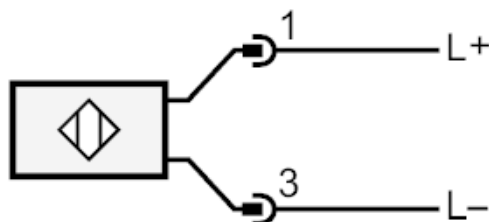
O5S500



Through-beam sensor transmitter

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Connection



Diagrams and graphs

excess gain graph

