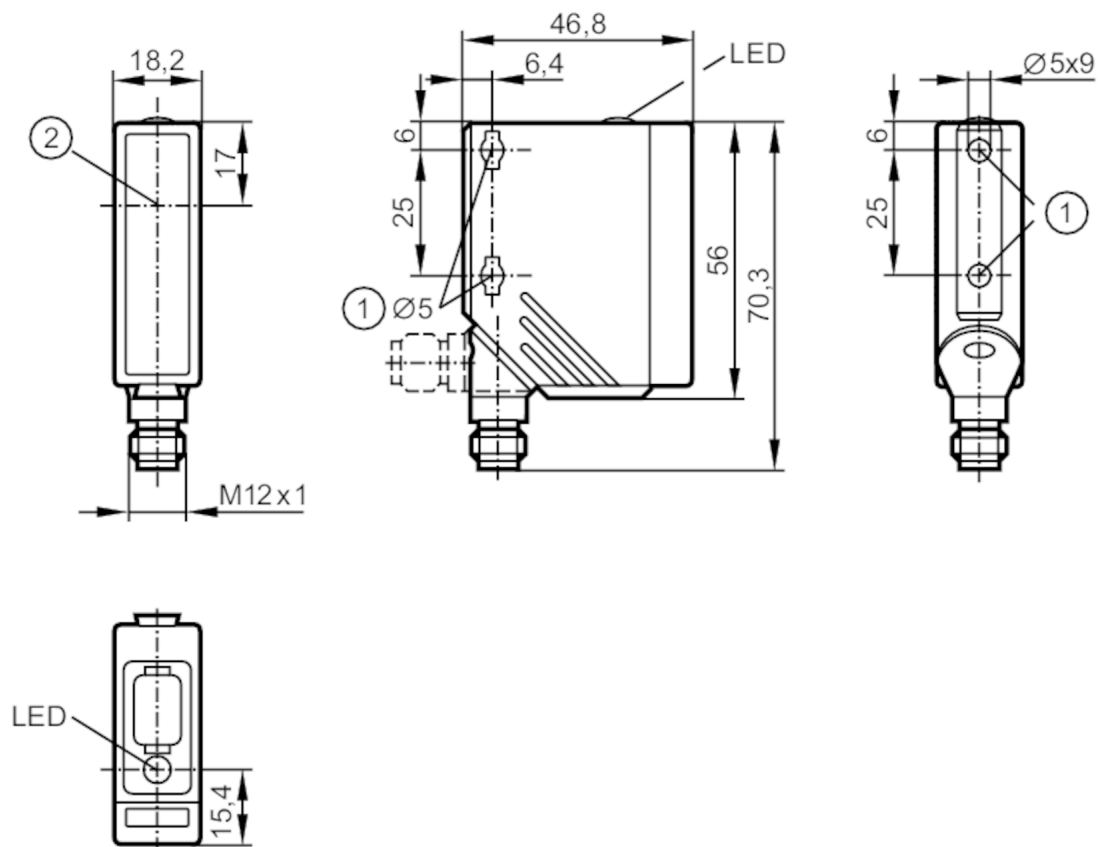


O5S200



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



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]	< 20
Range adjustable	no
Max. light spot diameter [mm]	500
Light spot dimensions refer to	at maximum range

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 67

O5S200



Through-beam sensor transmitter

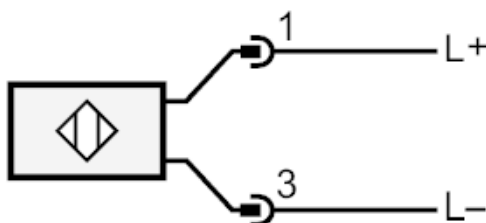
O5S-00KG/US100

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	760
Mechanical data		
Weight	[g]	60.7
Housing	rectangular	
Dimensions	[mm]	56 x 18.2 x 46.8
Materials	housing: PA; bezel: stainless steel; operator interface: TPE	
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



Connection





Through-beam sensor transmitter

O5S-OOKG/US100

Diagrams and graphs

excess gain graph

