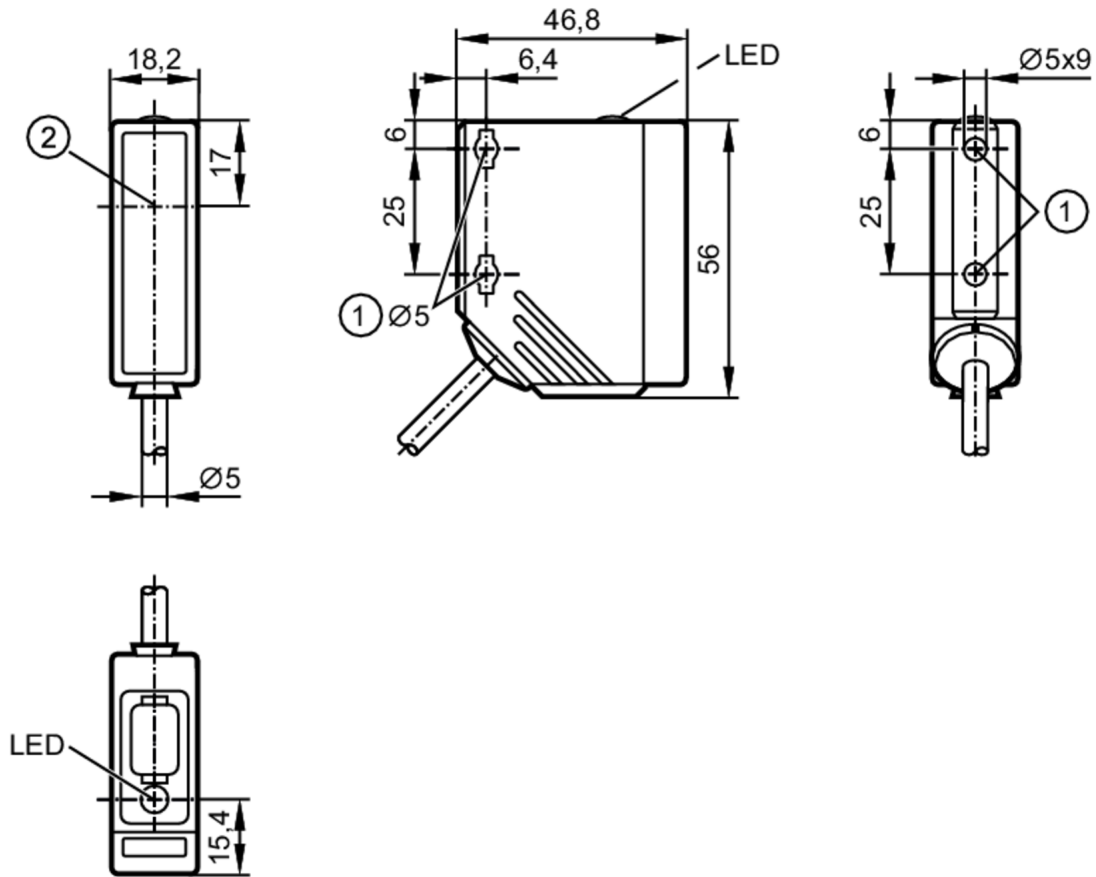


O5S501



Through-beam sensor transmitter

O5S-00KG/2M



- 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
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

O5S501



Through-beam sensor transmitter

O5S-OOKG/2M

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]		140
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.

O5S501



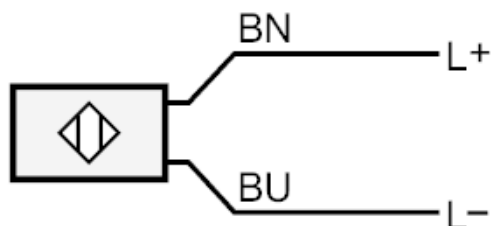
Through-beam sensor transmitter

O5S-00KG/2M

Electrical connection

Cable: 2 m, PUR; 3 x 0.34 mm²

Connection



Core colours :

BN = brown
BU = blue

Diagrams and graphs

excess gain graph

