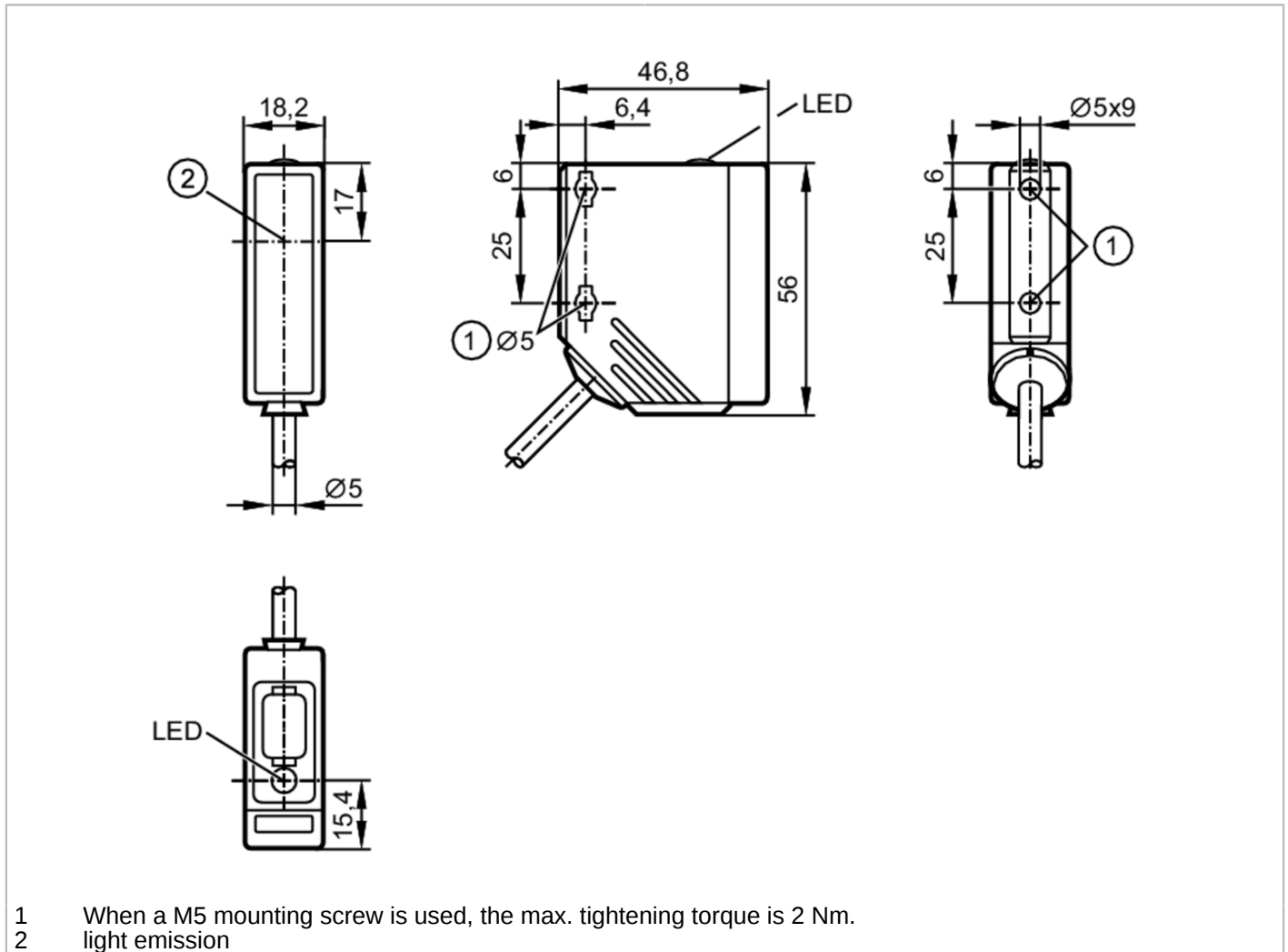


# O5S501



## Through-beam sensor transmitter

O5S-00KG/2M



### 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

### 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

# O5S501

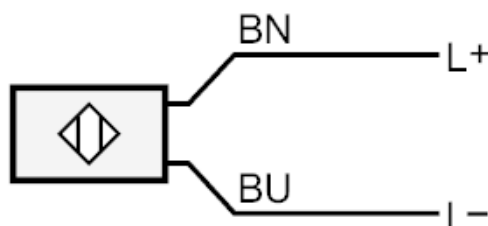


## Through-beam sensor transmitter

O5S-OOKG/2M

Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	617
Mechanical data		
Weight	[g]	132.6
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		
Cable: 2 m, PUR; 3 x 0.34 mm <sup>2</sup>		

### Connection



Core colours :

BN = brown  
BU = blue

# O5S501



## Through-beam sensor transmitter

O5S-00KG/2M

### Diagrams and graphs

excess gain graph

