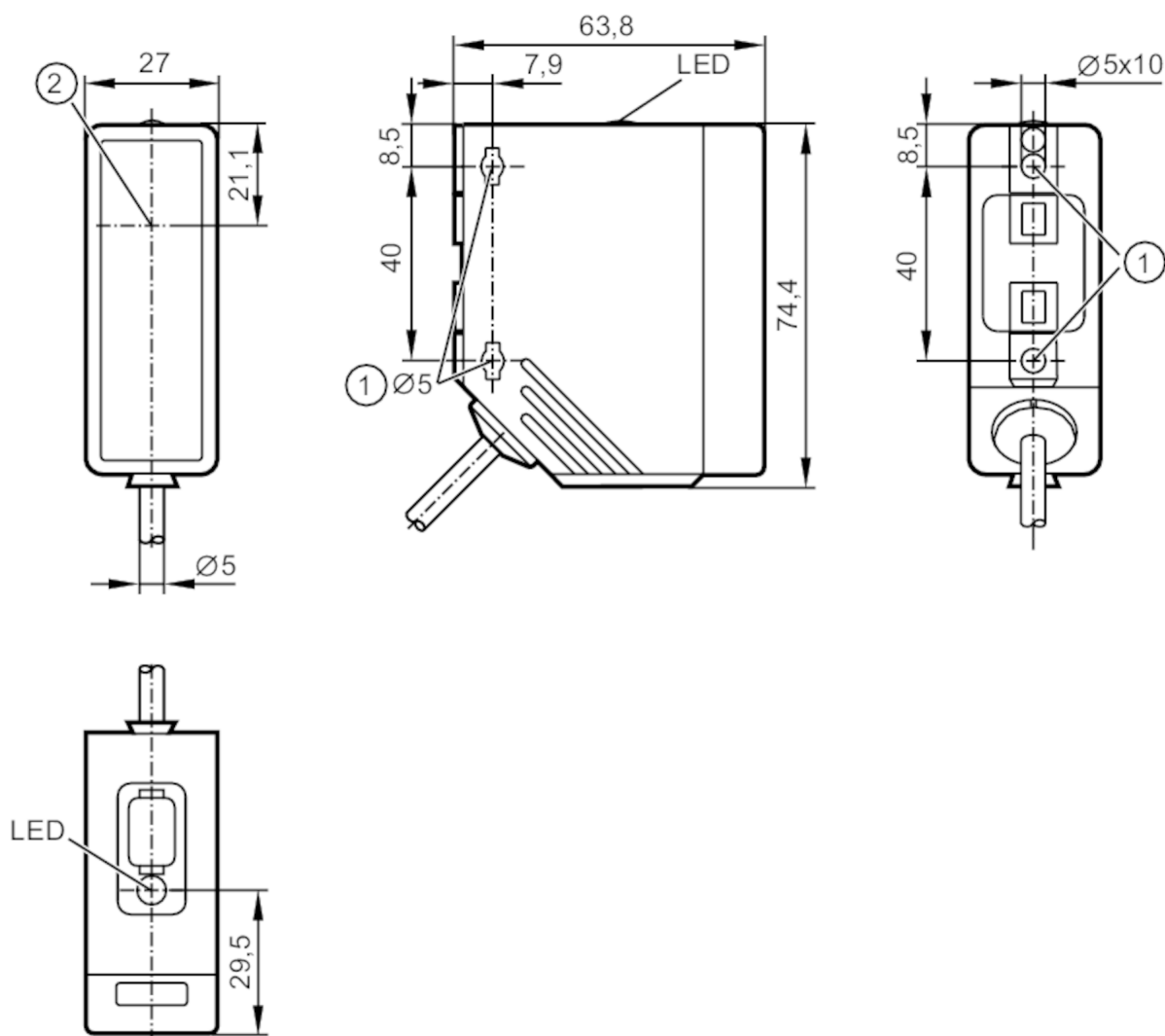


O4S501



Through-beam sensor transmitter

O4S-00KG/2M



- 1 When a M5 mounting screw is used, the max. tightening torque is 2 Nm.
2 Sensing surface



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

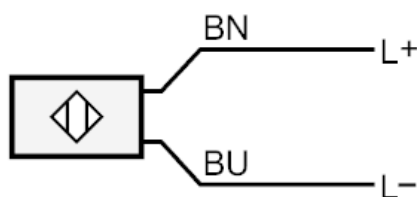
O4S501



Through-beam sensor transmitter

O4S-00KG/2M

Outputs		
Overload protection		yes
Monitoring range		
Transmitter / receiver		transmitter
Range [m]		0...80
Range adjustable		no
Max. light spot diameter [mm]		2400
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]		616
Mechanical data		
Weight [g]		205
Housing		rectangular
Dimensions [mm]		74.4 x 27 x 63.8
Material	housing: PA; Front framework: stainless steel; operator interface: TPE	
Lens material		PMMA
Lens alignment		Side sensing
Displays / operating elements		
Display	Power	1 x LED, green
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR; 3 x 0.34 mm ²		
Connection		



BN = Core colors : brown
BU = blue

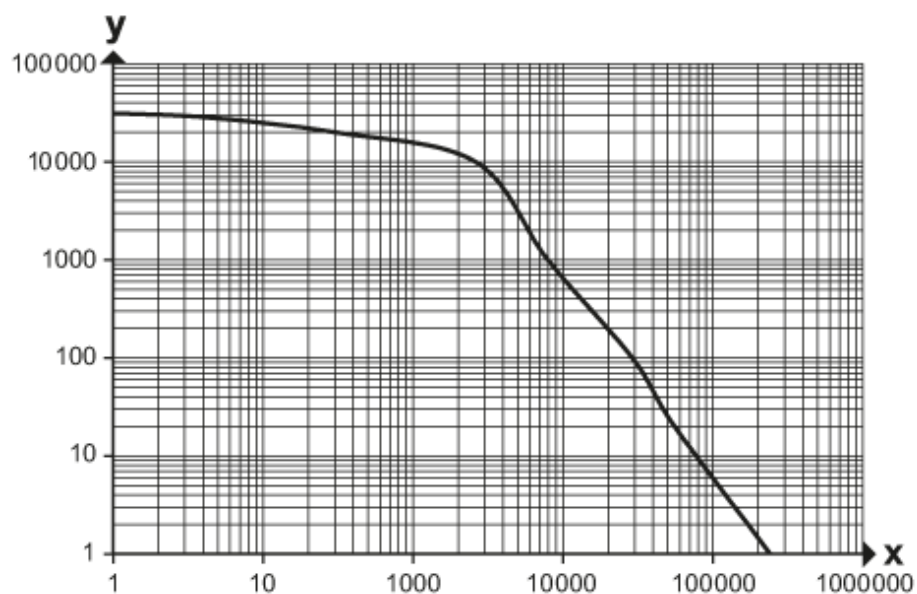


Through-beam sensor transmitter

O4S-00KG/2M

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor