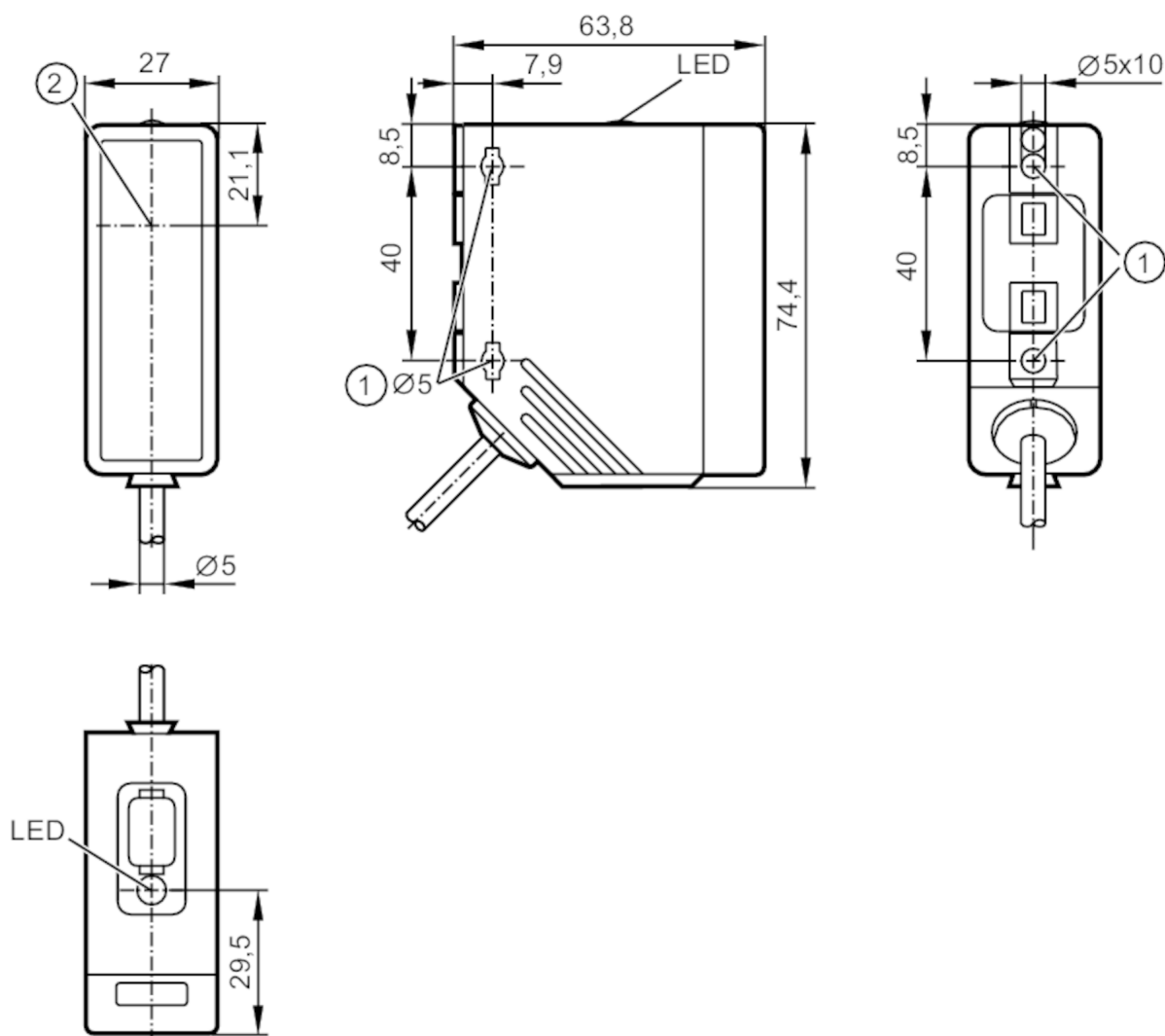


O4S501



Through-beam sensor transmitter

O4S-00KG/2M



- 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

Outputs

Overload protection yes

O4S501



Through-beam sensor transmitter

O4S-00KG/2M

Detection zone		
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]	203.5	
Housing	rectangular	
Dimensions [mm]	74.4 x 27 x 63.8	
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.	

O4S501



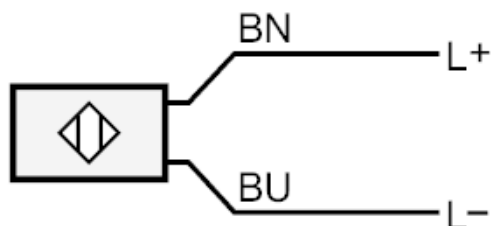
Through-beam sensor transmitter

O4S-00KG/2M

Electrical connection

Cable: 2 m, PUR; 3 x 0.34 mm²

Connection



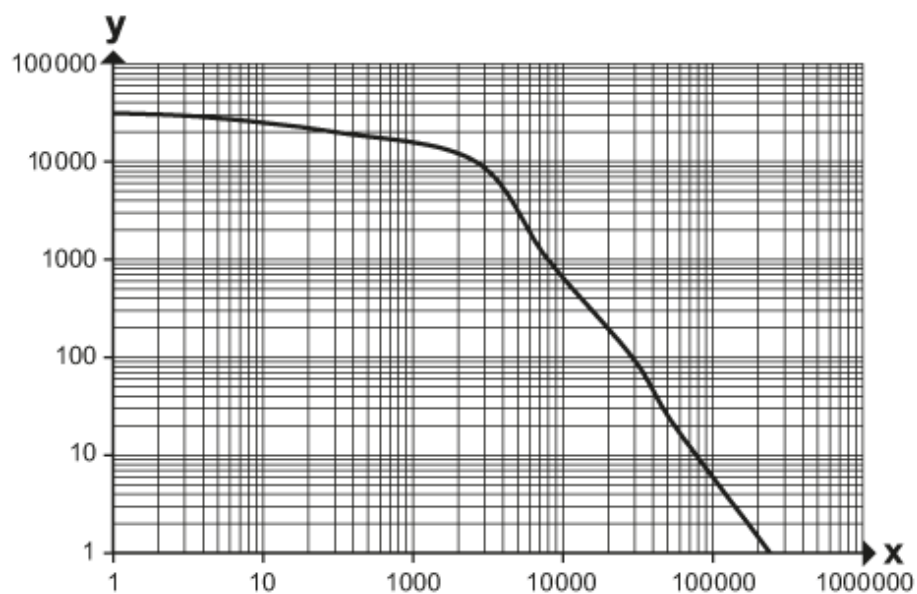
Core colours :

BN = brown

BU = blue

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservfaktor