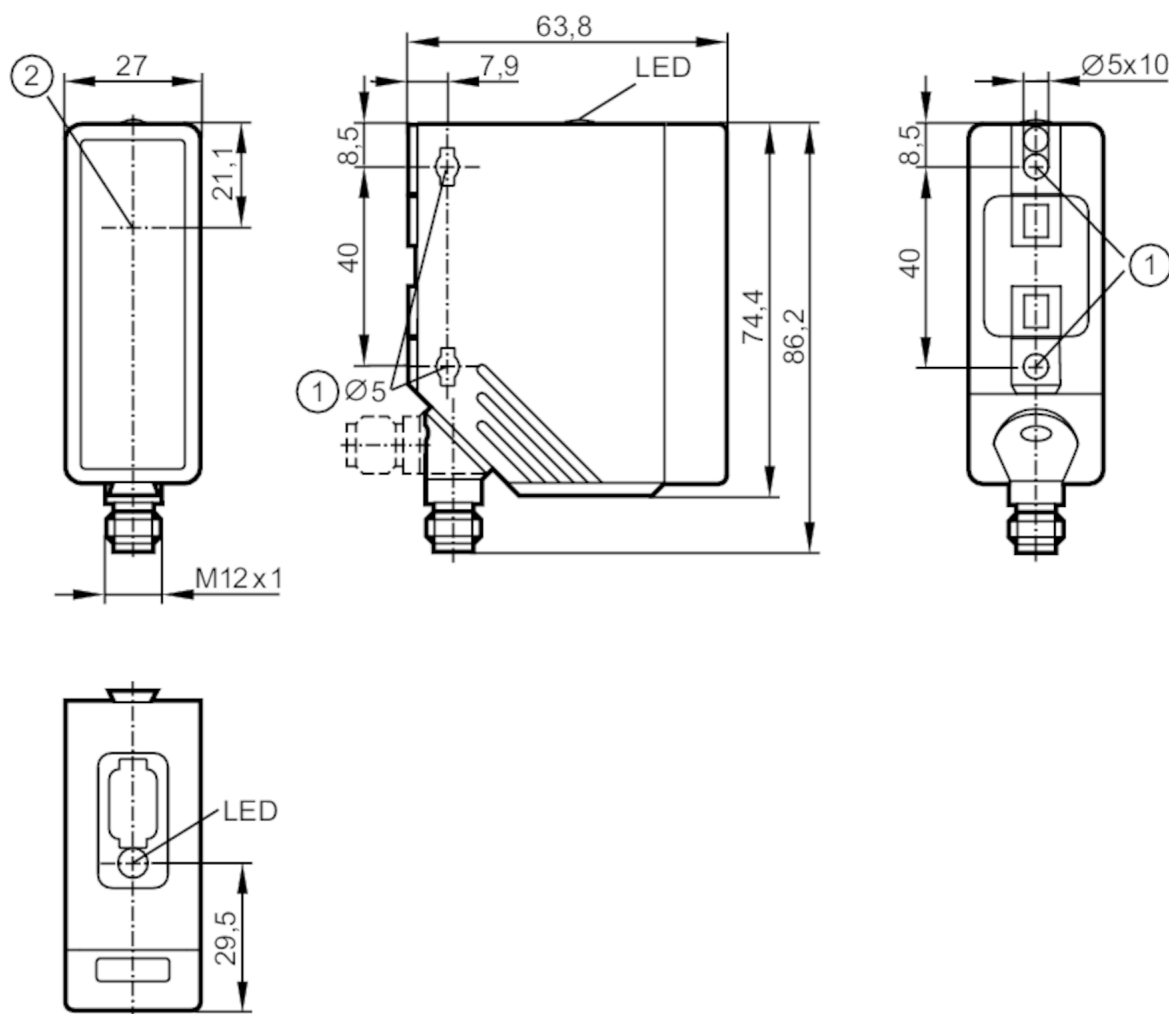


O4S500



Through-beam sensor transmitter

O4S-00KG/US100



- 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

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...36 DC; ("supply class 2" to cULus)
Current consumption	[mA]	20
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[Nm]	624

Outputs

Overload protection	yes
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O4S500



Through-beam sensor transmitter

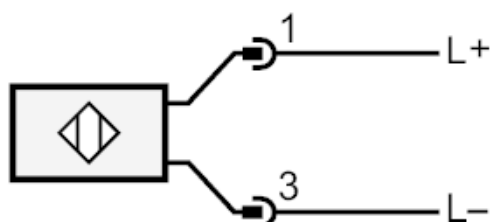
O4S-00KG/US100

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]	122	
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		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12		
		

Through-beam sensor transmitter

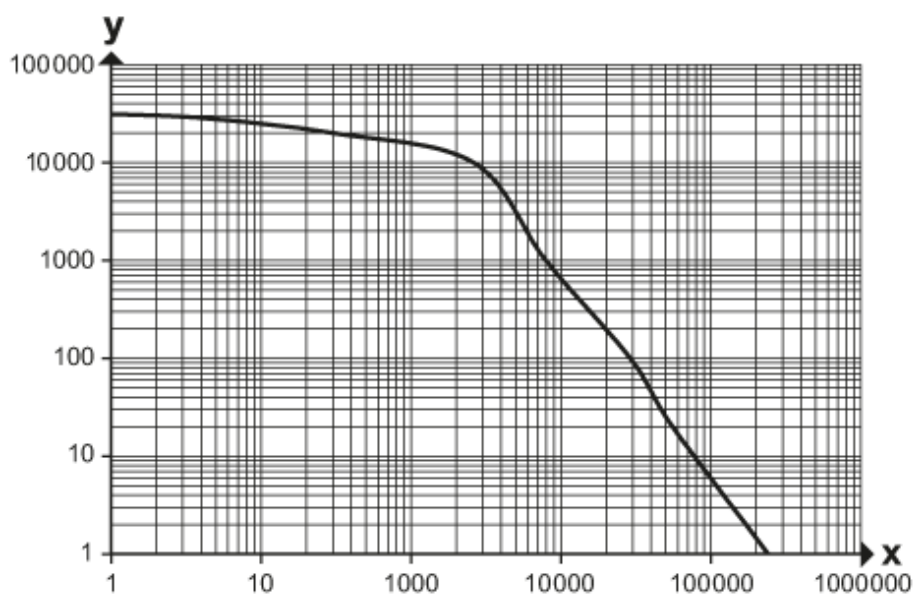
O4S-00KG/US100

Connection



Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor