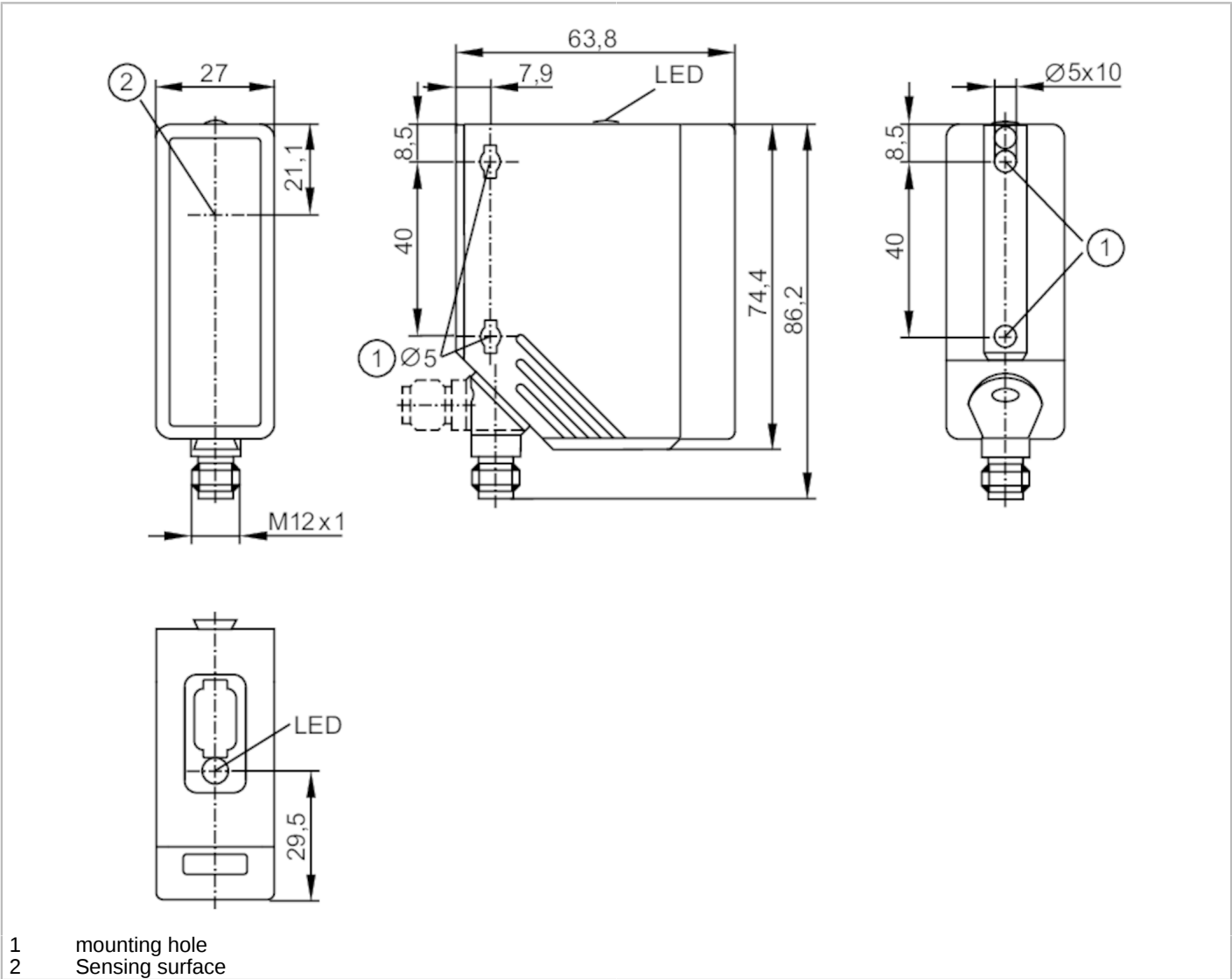


O4S500



Through-beam sensor transmitter

O4S-OOKG/US100



Product characteristics	
Type of light	red light
Housing	rectangular
Application	
Function principle	Through-beam sensor
Electrical data	
Operating voltage [V]	10...36 DC; (cULus - Class 2 source required)
Current consumption [mA]	20
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624
Outputs	
Overload protection	yes

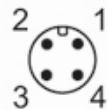
O4S500



Through-beam sensor transmitter

O4S-00KG/US100

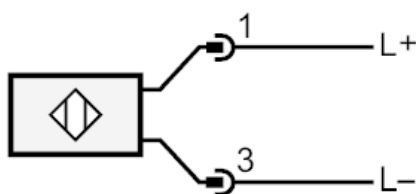
Monitoring range		
Transmitter / receiver	transmitter	
Range [m]	0...80	
Range adjustable	no	
Max. light spot diameter [mm]	2400	
Light spot dimensions refer to	at maximum range	
Operating conditions		
Ambient temperature [°C]	-25...60	
Protection	IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
MTTF [years]	616	
Mechanical data		
Weight [g]	122	
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	
Mounting hole		
Tightening torque [Nm]	< 2; (when using a mounting screw M5)	
Displays / operating elements		
Display	Power	1 x LED, green
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12; coding: A		
		



Through-beam sensor transmitter

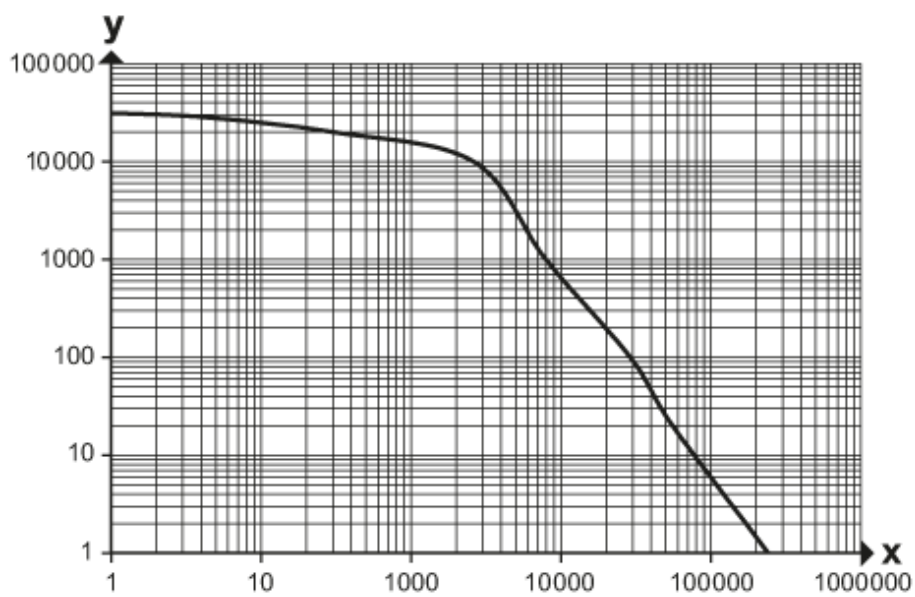
O4S-00KG/US100

Connection



Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor