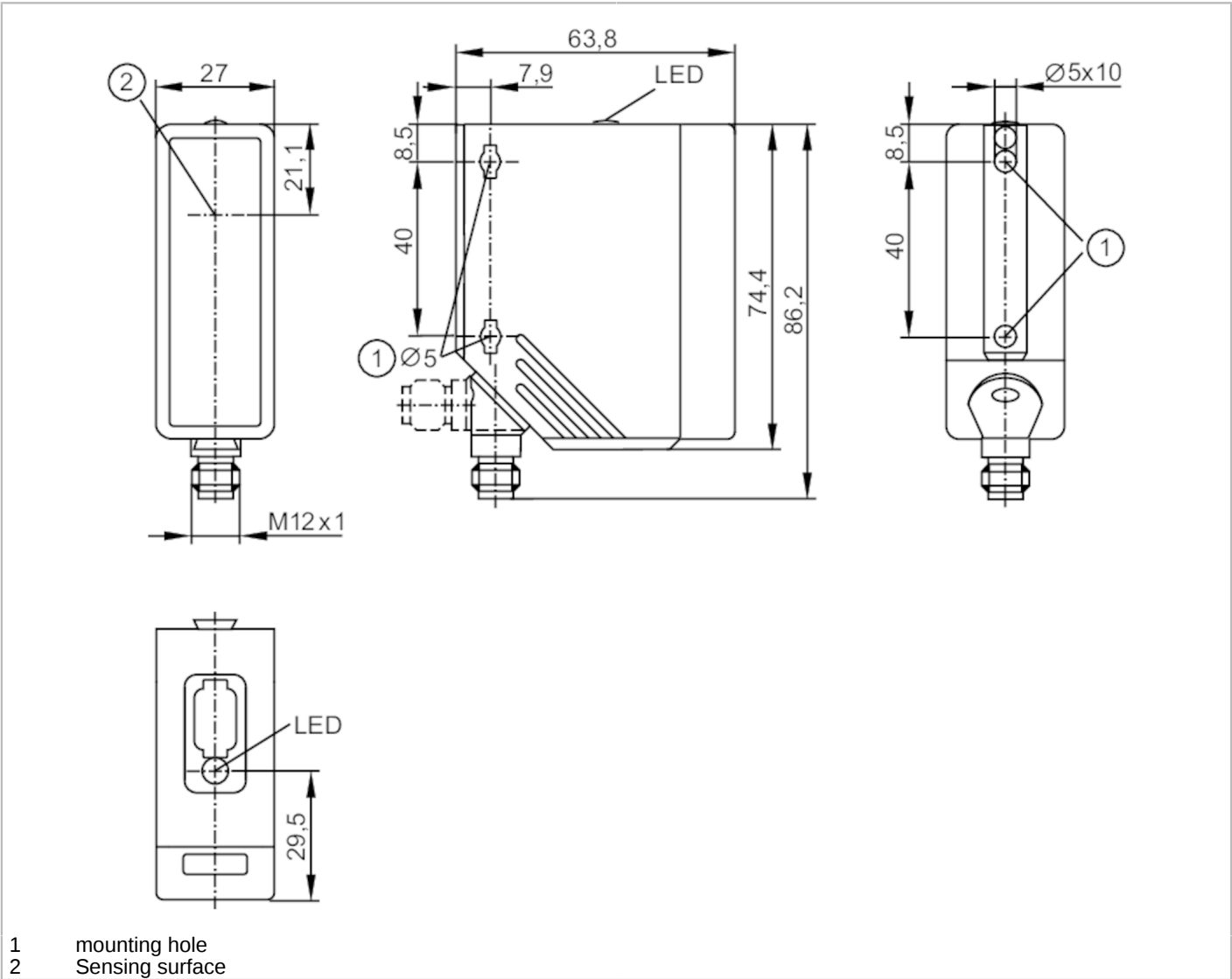


O4S200



Through-beam sensor transmitter

O4S-00KG/US100



1 mounting hole
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; (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

O4S200



Through-beam sensor transmitter

O4S-00KG/US100

Monitoring range		
Transmitter / receiver		transmitter
Range	[m]	0...50
Range adjustable		no
Max. light spot diameter	[mm]	1000
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]	760

Mechanical data		
Weight	[g]	116.5
Housing		rectangular
Dimensions	[mm]	74.4 x 27 x 63.8
Material		housing: PA; Front framework: stainless steel; LED window: PC
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

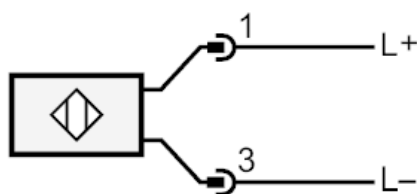
Connector: 1 x M12; coding: A



Through-beam sensor transmitter

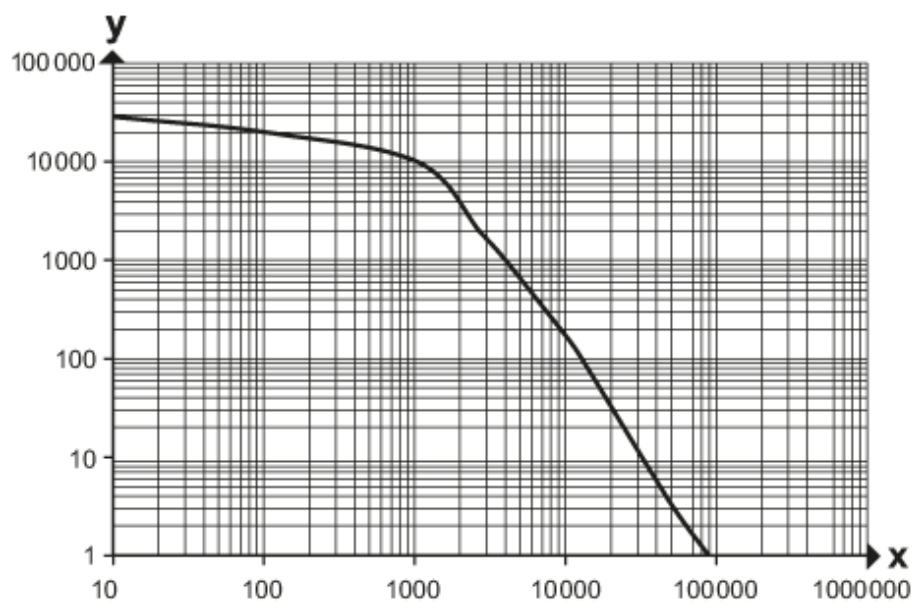
O4S-00KG/US100

Connection



Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor