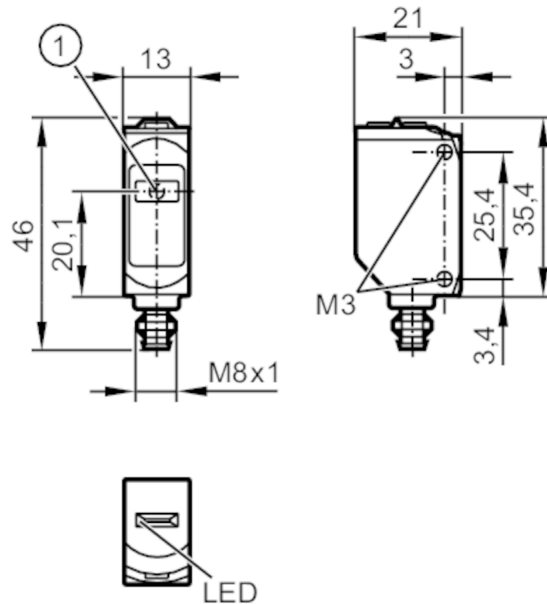


Through-beam sensor transmitter

O6SLOOKG/AS/4P



1 light emission



Product characteristics

Type of light	red light
Laser protection class	1
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	10; ((24 V))
Protection class	III
Type of light	red light
Wave length [nm]	650

Detection zone

Transmitter / receiver	transmitter
Range [m]	< 15
Diameter of the smallest detectable object [mm]	7; (15 m)
Max. light spot diameter [mm]	35
Light spot dimensions refer to	at maximum range

Interfaces

Communication interface	IO-Link
Transmission type	COM2 (38,4 kBaud)
IO-Link revision	1.1
SDCI standard	IEC 61131-9



Through-beam sensor transmitter

O6SLOOKG/AS/4P

Profiles	Smart Sensor: Device Identification, Device Diagnosis	
SIO mode	yes	
Required master port type	A	
Min. process cycle time [ms]	2.5	
IO-Link process data (cyclical)	function	bit length
	process value	8
	device status	4
IO-Link functions (acyclical)	application specific tag; operating hours counter; switching cycles counter	
Supported DeviceIDs	Type of operation	DeviceID
	default	523
Operating conditions		
Ambient temperature [°C]	-10...60	
Protection	IP 65; IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
Laser protection class	1	
Notes on laser protection	Caution:	laser light
	laser class:	1
		EN / IEC60825-1:2007
		EN / IEC60825-1:2014
		Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.
MTTF [years]	697	
Mechanical data		
Weight [g]	18.4	
Housing	rectangular	
Dimensions [mm]	46 x 13 x 21	
Materials	housing: ABS; PPSU; Sealing: EPDM	
Lens material	PMMA	
Lens alignment	side lens	
Tightening torque [Nm]	0.5	
Displays / operating elements		
Display	operation	1 x LED, green
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	

Through-beam sensor transmitter

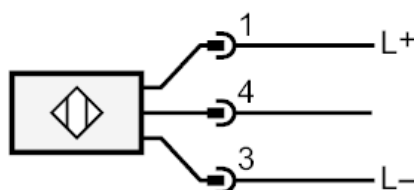
O6SLOOKG/AS/4P

Electrical connection - plug

Connector: 1 x M8; coding: A

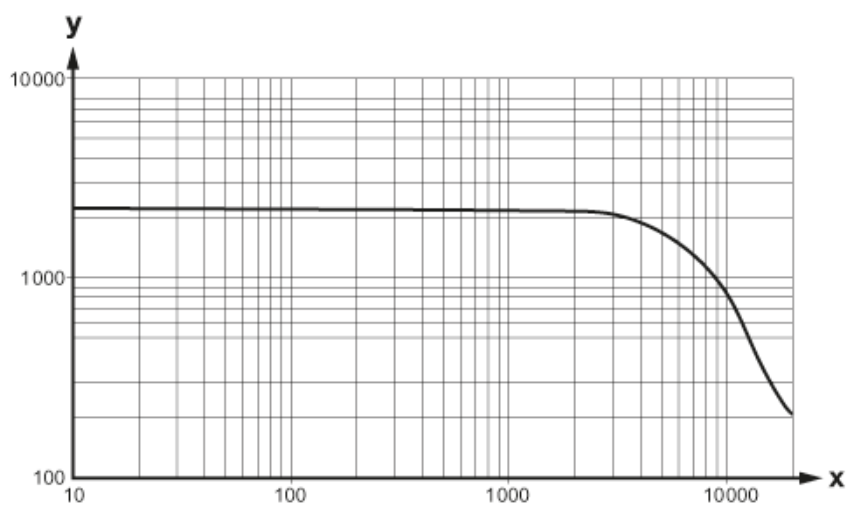


Connection



4 IO-Link

Diagrams and graphs



x: Abstand [mm]

y: Funktionsreservefaktor