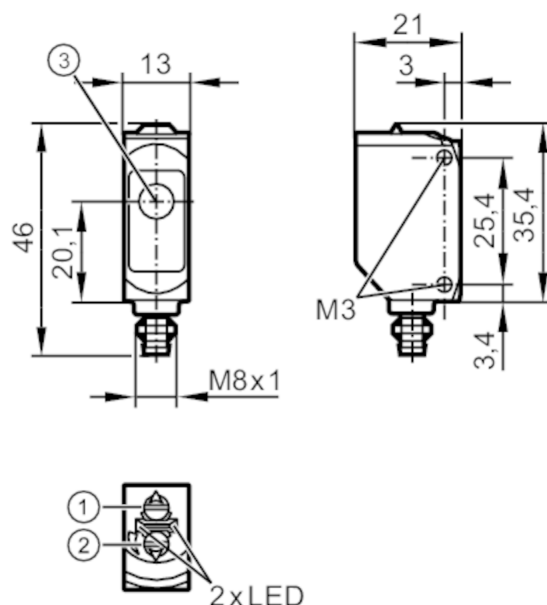


O6E210



Through-beam sensor receiver

O6E-CPKG/AS/4P



- 1 output function switch
- 2 potentiometer sensitivity
- 3 Light incidence



Application	
Function principle	Through-beam sensor
Electrical data	
Operating voltage [V]	10...30 DC
Current consumption [mA]	7; ((24 V))
Protection class	III
Reverse polarity protection	yes
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	633
Outputs	
Electrical design	PNP
Output function	complementary
Max. voltage drop switching output DC [V]	0.5
Minimum load current [mA]	5
Max. leakage current [mA]	0.1
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	pulsed

O6E210



Through-beam sensor receiver

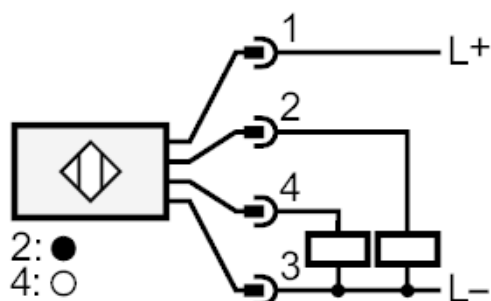
O6E-CPKG/AS/4P

Detection zone		
Transmitter / receiver	receiver	
Range [m]	< 10	
Range adjustable	yes	
Operating conditions		
Ambient temperature [°C]	-10...60	
Protection	IP 65; IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
MTTF [years]	1273	
UL approval	UL Approval no.	E009
Mechanical data		
Weight [g]	17	
Housing	rectangular	
Dimensions [mm]	46 x 13 x 21	
Materials	housing: ABS; PPSU; connector thread: metal coated; Sealing: EPDM	
Lens material	PMMA	
Lens alignment	side lens	
Material nut	metal	
Tightening torque [Nm]	0.5; (screws)	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M8; Locking: metal, coated		
		

Through-beam sensor receiver

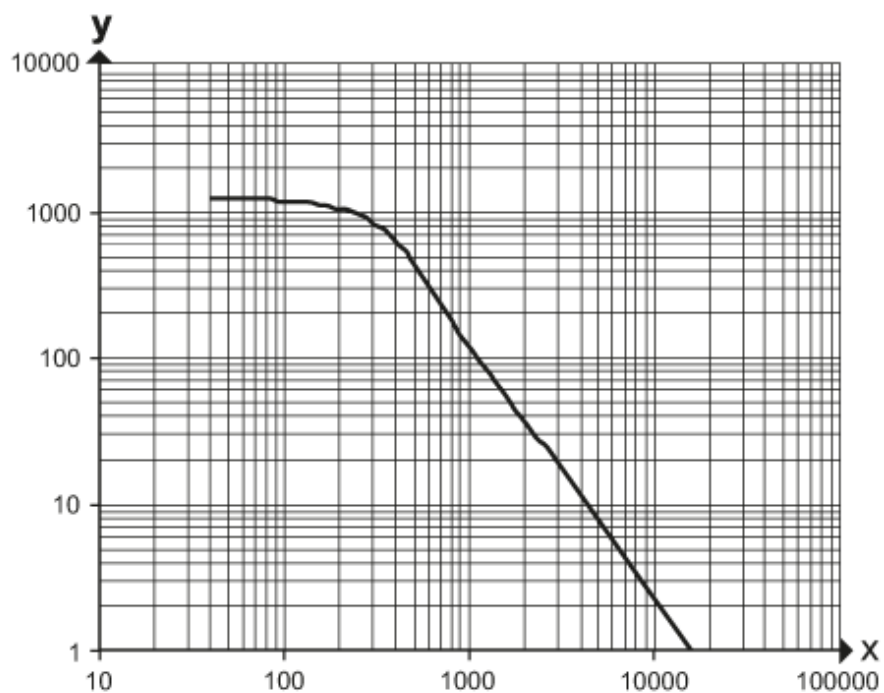
O6E-CPKG/AS/4P

Connection



Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservfaktor