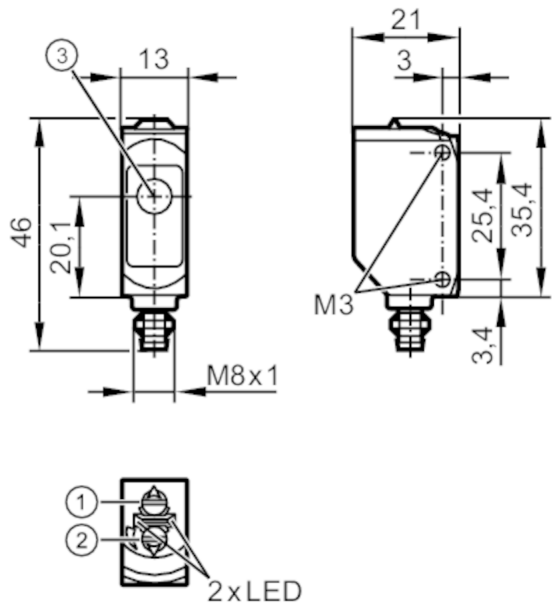




Through-beam sensor receiver

O6EIFNKG/AS/4P



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




Product characteristics		
Type of light		infrared light
Housing		rectangular
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
Type of light		infrared light
Wave length	[nm]	850
Outputs		
Electrical design		NPN
Output function		light-on/dark-on mode; (selectable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		pulsed



Through-beam sensor receiver

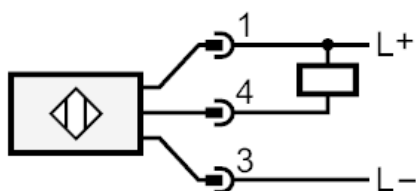
O6EIFNKG/AS/4P

Detection zone		
Transmitter / receiver		receiver
Range	[m]	< 15
Range adjustable		yes
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 65; IP 67
Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[ANN]	956
UL approval	UL Approval no.	E001
Mechanical data		
Weight	[g]	19.5
Housing		rectangular
Dimensions	[mm]	46 x 13 x 21
Materials		housing: ABS; PPSU
Lens material		PMMA
Lens alignment		side lens
Sealing material		EPDM
Tightening torque	[Nm]	0.5
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; coding: A; Locking: metal, coated; Sealing: EPDM		
<div></div>		

Through-beam sensor receiver

O6EIFNKG/AS/4P

Connection



Diagrams and graphs

excess gain graph

