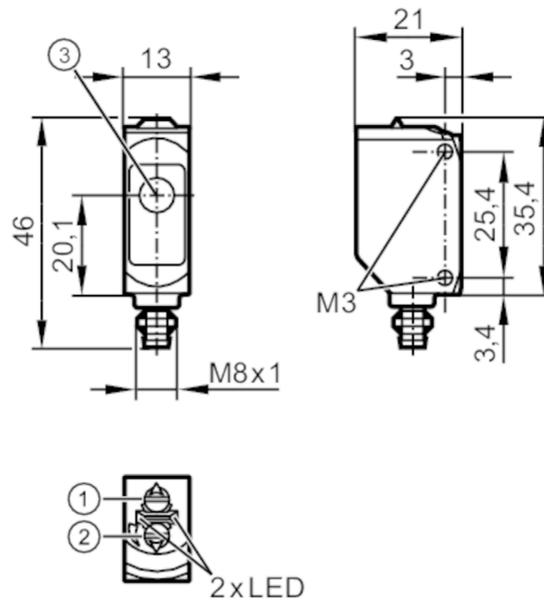


# O6E215



## Through-beam sensor receiver

O6EIFPKG/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
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### 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		PNP
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

# O6E215



## Through-beam sensor receiver

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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 [years]	956
UL approval	UL Approval no. E001

Mechanical data	
Weight [g]	18
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

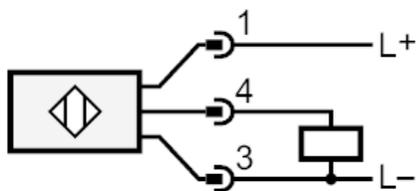




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### Connection



### Diagrams and graphs

excess gain graph

