

O6EIFPKG/AS/4P

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



Type of light	infrared light
Housing	rectangular

Function principle	Through-beam sensor
--------------------	---------------------

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

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



Through-beam sensor receiver

O6EIFPKG/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 [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		
		

Through-beam sensor receiver

O6EIFPKG/AS/4P

Connection



Diagrams and graphs

excess gain graph

