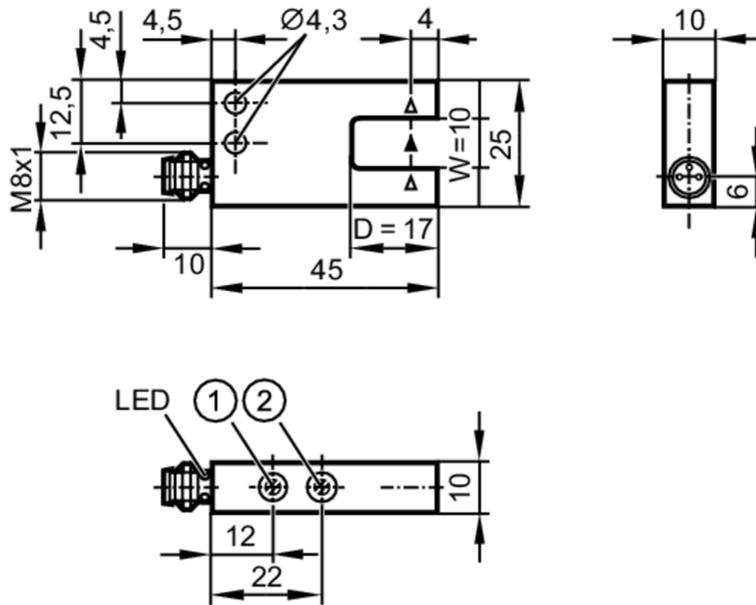


OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS



- 1 output function switch
- 2 potentiometer sensitivity



Product characteristics

Type of light	infrared light
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Electrical data

Operating voltage [V]	10...30 DC; (operating voltage "supply class 2" according to cULus)
Current consumption [mA]	< 30
Protection class	III
Reverse polarity protection	yes
Type of light	infrared light
Wave length [Nm]	860

Outputs

Electrical design	PNP/NPN; (automatic load detection PNP/NPN)
Output function	light-on/dark-on mode; (selectable)
Max. voltage drop switching output DC [V]	1.5
Permanent current rating of switching output DC [mA]	100
Switching frequency DC [Hz]	10000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Diameter of the smallest detectable object [mm]	0.2
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OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS

Interfaces					
Communication interface	IO-Link				
Transmission type	COM2 (38,4 kBaud)				
IO-Link revision	1.1				
SDCI standard	IEC 61131-9				
Profiles	Smart Sensor: Device Identification; Device Diagnosis; Teach Channel; Switching Channel; Process Data Variable				
SIO mode	yes				
Required master port type	A				
Min. process cycle time [ms]	3.2				
Supported DeviceIDs	<table border="1"><thead><tr><th>Type of operation</th><th>DeviceID</th></tr></thead><tbody><tr><td>Default</td><td>1089</td></tr></tbody></table>	Type of operation	DeviceID	Default	1089
Type of operation	DeviceID				
Default	1089				

Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 67

Tests / approvals	
EMC	EN 60947-5-2
MTTF [years]	744

Mechanical data	
Weight [g]	56
Dimensions [mm]	25 x 10 x 45
Fork depth D [mm]	17
Fork width W [mm]	10
Materials	housing: diecast zinc black anodised; lens: glass

Displays / operating elements	
Display	switching status 1 x LED, yellow

Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M8



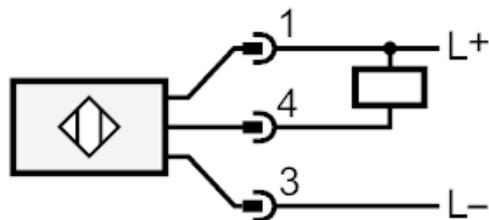
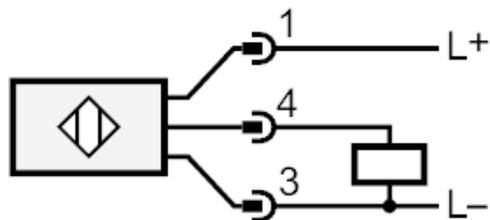
OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS

Connection



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OUT / IO-Link