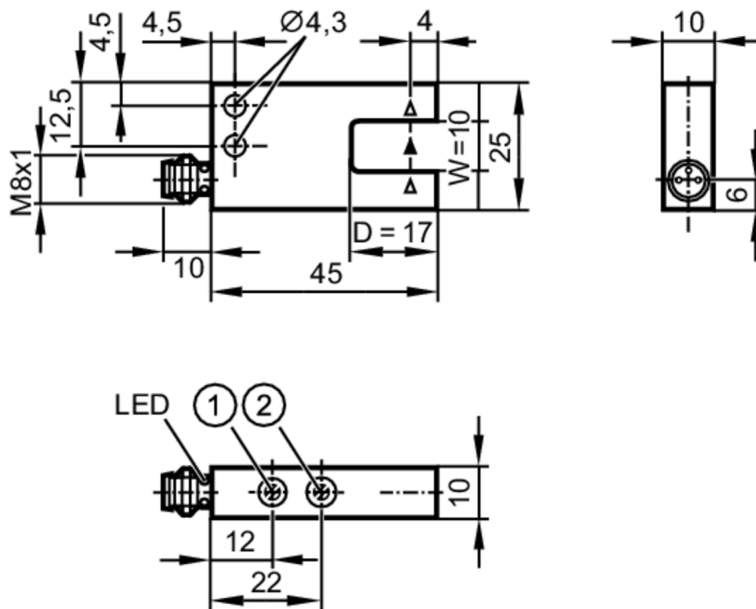


OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS



- 1 output function switch
- 2 potentiometer sensitivity




Product characteristics	
Type of light	Infrared light
Dimensions [mm]	25 x 10 x 45
Electrical data	
Operating voltage [V]	10...30 DC; (cULus - Class 2 source required)
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	yes (non-latching)
Overload protection	yes

OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS

Monitoring range		
Diameter of the smallest detectable object	[mm]	0.2
Interfaces		
Communication interface		IO-Link
Transmission type		COM2 (38,4 kBaud)
IO-Link revision		1.1
SDCI standard		IEC 61131-9
IO-Link device ID		1089 d / 00 04 41 h
Profiles		Smart Sensor: Device Identification; Device Diagnosis; Teach Channel; Switching Channel; Process Data Variable
SIO mode		yes
Required master port class		A
Min. process cycle time	[ms]	3.2
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
Material		housing: diecast zinc black anodized; lens: glass
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.
Electrical connection		
Connector: 1 x M8		
		

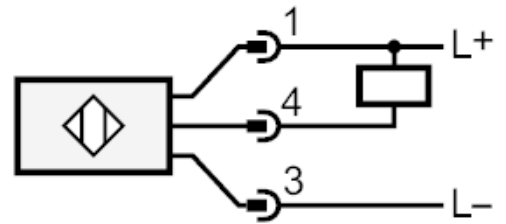
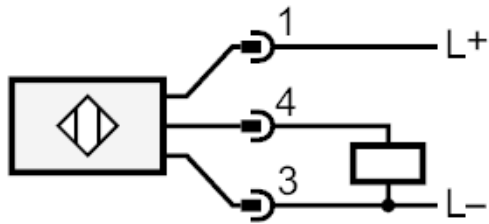
OPU200



Photoelectric fork sensor

OPU-FCKG/IO-LINK/AS

Connection



4

OUT / IO-Link