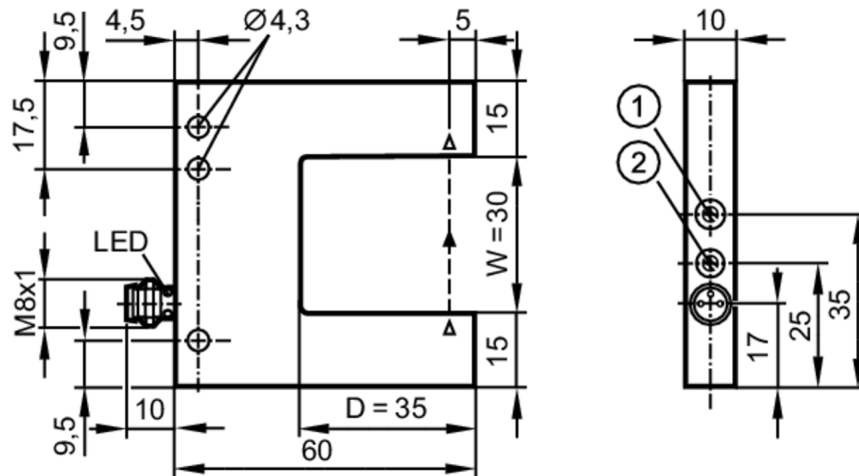


# OPU700



## Photoelectric fork sensor

OPULFPKG/IO-Link/AS



- 1 potentiometer sensitivity  
2 output function switch



### Product characteristics

Type of light	red light
Laser protection class	1; (IEC 60825-1 : 2007; Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.)
Dimensions [mm]	60 x 10 x 60

### Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	30
Protection class	III
Reverse polarity protection	yes
Type of light	red light

### Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (selectable)
Max. voltage drop switching output DC [V]	2.8
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	3000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

### Monitoring range


Diameter of the smallest detectable object [mm]	0.05
Detection range hysteresis [mm]	< 0.02

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Accuracy / deviations		
Repeatability	[mm]	0.01
Operating conditions		
Ambient temperature	[°C]	5...45
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
Laser protection class		1; (IEC 60825-1 : 2007; Complies with 21 CFR 1040 except for deviations pursuant to Laser Notice No. 50, dated June 2007.)
MTTF	[years]	548
Mechanical data		
Weight	[g]	81.5
Dimensions	[mm]	60 x 10 x 60
Fork depth D	[mm]	35
Fork width W	[mm]	30
Material		housing: aluminum 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		
		

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### Connection

