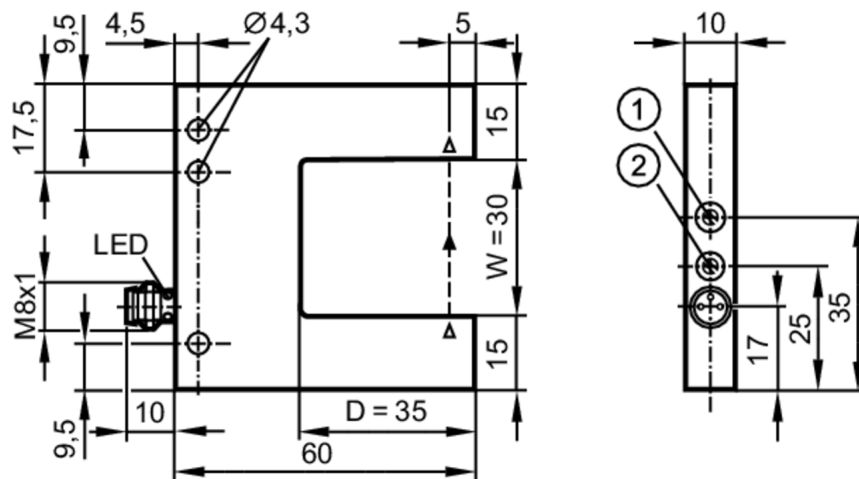




Photoelectric fork sensor

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.)

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	pulsed
Overload protection	yes

Detection zone

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

Accuracy / deviations

Repeatability [mm]	0.01
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OPU700



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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
Materials	housing: aluminium black anodised; lens: glass	

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

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

Electrical connection

Connector: 1 x M8; coding: A



Connection

