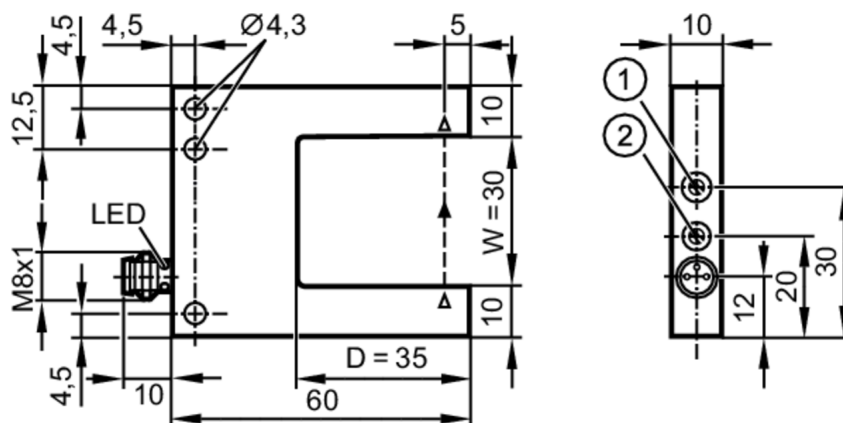


OPU208



Optical fork sensor

OPU-FNKG/AS



- 1 potentiometer sensitivity
- 2 output function switch



Electrical data

Operating voltage	[V]	10...35 DC
Current consumption	[mA]	< 30
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		NPN
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]	4000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Diameter of the smallest detectable object	[mm]	0.5
--	------	-----

Operating conditions

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

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	571

OPU208



Optical fork sensor

OPU-FNKG/AS

Mechanical data		
Weight	[g]	92.1
Dimensions	[mm]	50 x 10 x 55
Fork depth D	[mm]	35
Fork width W	[mm]	30
Materials	housing: diecast zinc black anodised; lens: glass	

Displays / operating elements		
Display	switching status	1 x LED, yellow
Remarks		
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M8



Connection

