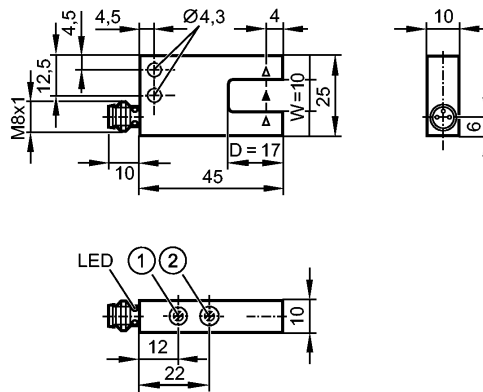


OPU200

OPU-FCKG/AS

Photoelectric sensors



1: output function switch
2: potentiometer sensitivity



Product characteristics

Optical fork sensor

Connector

Automatic detection PNP/NPN

Electrical data

Electrical design	DC PNP/NPN
Operating voltage [V]	10...35 DC
Current consumption [mA]	< 40
Type of light	Infrared light 880 nm
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	light-on/dark-on mode selectable
Voltage drop [V]	< 2.8
Current rating [mA]	200
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	10000

Range

Smallest detectable object [mm]	0.3
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Environment

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

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	659

Mechanical data

Fork depth D [mm]	17
Fork width W [mm]	10
Housing materials	housing: diecast zinc black anodised; lens: glass
Weight [kg]	0.054

Displays / operating elements

OPU200

OPU-FCKG/AS

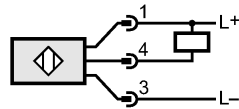
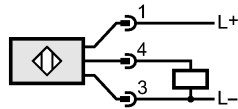
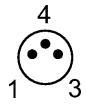
Photoelectric sensors

Output status indication LED yellow

Electrical connection

Connection M8 connector

Wiring



Remarks

Pack quantity [piece] 1