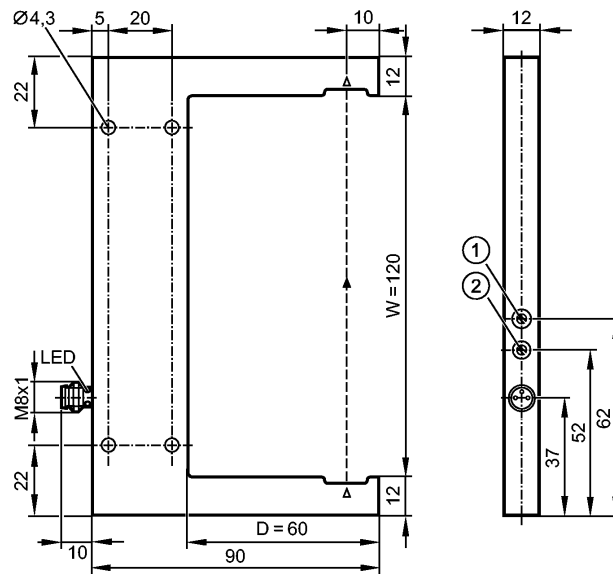


**OPU211**

OPU-FNKG/AS

Photoelectric sensors



1: potentiometer sensitivity  
2: output function switch

Made in Germany



**Product characteristics**

Optical fork sensor

Connector

**Electrical data**

Electrical design		DC NPN
Operating voltage	[V]	10...35 DC
Current consumption	[mA]	< 30
Type of light		Red light 660 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]	2000

**Range**

Smallest detectable object [Ø in mm]		0.8
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**Environment**

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

**Tests / approvals**

EMC		EN 60947-5-2
MTTF	[Years]	556

**Mechanical data**

Fork depth D	[mm]	60
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**OPU211**

OPU-FNKG/AS

**Photoelectric sensors**

Fork width W	[mm]	120
Housing materials		housing: diecast zinc black anodised
Weight	[kg]	0.267

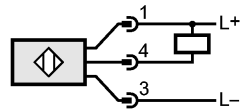
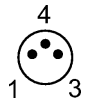
**Displays / operating elements**

Output status indication	LED	yellow
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**Electrical connection**

Connection		M8 connector
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**Wiring**



**Remarks**

Pack quantity	[piece]	1
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