

1: potentiometer sensitivity
2: output function switch



Made in Germany

Product characteristics

Optical fork sensor

Connector

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Range

Smallest detectable object [Ø in mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF

Mechanical data

Fork depth D [mm]

Fork width W [mm]

Housing materials

Weight [kg]

Displays / operating elements

Output status indication

Electrical connection

Connection

Wiring

DC NPN

10...35 DC

< 30

red light 660 nm

III

yes

light-on/dark-on mode selectable

< 2.8

200

pulsed

yes

4000

0.4

-25...60

IP 67

EN 60947-5-2

570

25

20

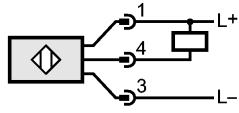
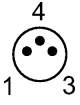
housing: diecast zinc black anodised

0.055

yellow

M8 connector

OPU207 - Optical fork sensor - eclass: 27270901 / 27-27-09-01



Remarks

Pack quantity [piece] 1

ifm electronic gmbh • Friedrichstraße 1 • 45128 Essen — We reserve the right to make technical alterations without prior notice. — GB — OPU207 — 20.02.2009