

1: potentiometer sensitivity
2: output function switch



Product characteristics

Optical fork sensor

Connector

Visible laser light, LASER CLASS 1

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 [mm]

Hysteresis [mm]

Accuracy / deviations

Repeatability [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Fork depth D [mm]

Fork width W [mm]

Housing materials

Weight [kg]

Displays / operating elements

Output status indication LED

Electrical connection

Connection

DC PNP

10...30 DC

30

Red light

III

yes

light-on/dark-on mode selectable

< 2.8

200

pulsed

yes

3000

0.05

0.02

0.01

5...45

IP 67

EN 60947-5-2

475

55

50

housing: aluminium black anodised; lens: glass

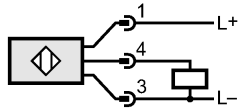
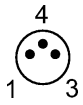
0.125

yellow

M8 connector

OPU701 - Optical fork sensor - eclass: 27270901 / 27-27-09-01

Wiring



Remarks

Remarks

Laser light
CLASS 1 LASER PRODUCT
IEC 60825-1 : 2007
complies with 21 CFR 1040.10 except for deviations
pursuant to Laser Notice No. 50, dated June 2007
cULus - Class 2 source required

Pack quantity [piece]

1