

Product characteristics

Inductive sensor

Metal thread M30 x 1.5

Connector

Sensing range 10 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

18...36 DC

Current consumption [mA]

15 (24 V)

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2.5

Current rating [mA]

125; 150 (...50 °C)

Short-circuit protection

pulsed

Overload protection

yes

Switching frequency [Hz]

300

Range

Sensing range [mm]

10

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

901

Mechanical data

Mounting

flush mountable

Housing materials

Brass white bronze coated; PBT

Weight [kg]

0.135

Displays / operating elements

Output status indication LED

yellow

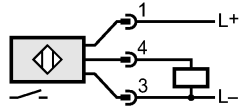
Electrical connection

Connection

M12 connector

Wiring

II5446 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1