

Product characteristics

Inductive sensor

Plastic thread M30 x 1.5

Terminals

Sensing range 15 mm; [nf] non-flush mountable

Electrical data

Electrical design

DC PNP/NPN

Operating voltage [V]

10...55 DC

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open / closed programmable

Voltage drop [V]

< 4.6

Minimum load current [mA]

4

Leakage current [mA]

< 1

Current rating [mA]

400

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

200

Monitoring range

Sensing range [mm]

15

Real sensing range (Sr) [mm]

15 ± 10 %

Operating distance [mm]

0...12.1

Accuracy / deviations

Hysteresis [% of Sr]

1...15

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

MTTF

[Years]

1699

Mechanical data

Mounting

non-flush mountable

Housing materials

PBT; end cap: polycarbonate

Weight [kg]

0.116

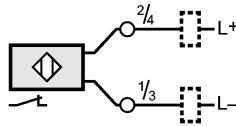
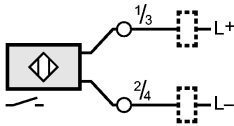
Displays / operating elements

II5321 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Output status indication LED | yellow

Electrical connection
Connection | terminals up to 2.5 mm²; cable diameter 7...13 mm, cable gland M20 x 1.5

Wiring



Accessories

Accessories (included) | 2 lock nuts

Remarks

Pack quantity [piece] | 1