

Product characteristics

Inductive sensor

Plastic housing Ø 34 mm

Terminals

Sensing range 30 mm; [nfl] non-flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

Accuracy / deviations

Correction factors

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

Output status indication LED

Electrical connection

Connection

**Wiring**

DC PNP

10...36 DC

15 (24 V)

II

yes

normally open / closed programmable

< 2.5

200

yes (non-latching)

yes

350

30

30 ± 10 %

0...24.3

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.4 / copper approx. 0.3

-10...10

-25...80

IP 65

EN 60947-5-2

1824

non-flush mountable

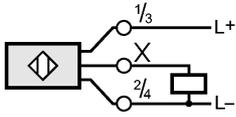
PBT; end cap: polycarbonate

0.185

yellow

terminals up to 2.5 mm<sup>2</sup>; cable diameter 7...13 mm, cable gland M20 x 1.5

**IB5133 - Inductive sensor - eclass: 27270101 / 27-27-01-01**



Accessories

Accessories (included)

Mounting clamp

Remarks

Pack quantity

[piece]

1