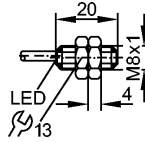




IEB31.5-BPKG/2M PVC

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M8 x 1

Cable

Sensing range 1.5 mm; [f] flush mountable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

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

Hysteresis [% of Sr]

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...30 DC

10 (24 V)

yes

normally open

< 1.5

200

yes (non-latching)

no

4000

1.5

1.5 ± 10 %

0...1.2

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2

< 15

-10...10

-25...70

IP 67

EN 60947-5-2

EN 55011:

class B

1045

flush mountable

housing: stainless steel; active face: PA 12

0.062

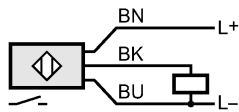
yellow

PVC cable / 2 m; 3 x 0.14 mm²

IE5348 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Core colors

BK black
BN brown
BU blue



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1