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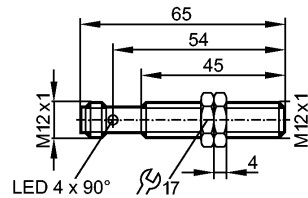
efectorio

IFC245



IFK3003BBPKG/M/K1/US-104-DPS

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M12 x 1

Quick disconnect

gold-plated contacts

Correction factor = 1

Sensing range 3 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC; cULus - Class 2 source required

Current consumption [mA]

20

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2.5

Leakage current [mA]

< 0.1

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

2000

Monitoring range

Sensing range [mm]

3

Real sensing range (Sr) [mm]

3 ± 10 %

Operating distance [mm]

0...2.4

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 1 / brass approx. 1 / aluminium approx. 1 / copper approx. 1

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...70

Protection

IP 68; "Coolant"

Mechanical data

Mounting

flush mountable

Housing materials

housing: stainless steel (316L); active face: LCP

Weight [kg]

0.036

Displays / operating elements

Output status indication LED

yellow (4 x 90°)

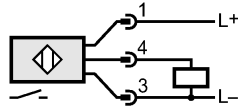
Electrical connection

Connection

M12 connector; gold-plated contacts

Wiring

IFC245 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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