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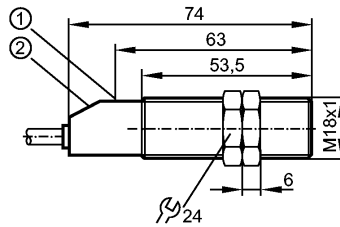
efectoriso

KG5028



KG-3008-FNKG/NI

Capacitive sensors



1: pushbuttons
3: 3 LED



Product characteristics

Capacitive sensor

Plastic thread M18 x 1

Cable

Increased immunity to conducted radio frequency interference

Sensing range 8 mm; adjustable 2.5...8 mm; [nf] non-flush mountable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...36 DC

Current consumption [mA]

30 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open / closed programmable

Voltage drop [V]

< 2.5

Current rating [mA]

200; 250 (0...35 °C)

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

10

Monitoring range

Sensing range [mm]

8, adjustable 2.5...8 mm

Accuracy / deviations

Correction factors

water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2

Hysteresis [% of Sr]

1...15

Switch-point drift [% of Sr]

-20...20

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

519

Mechanical data

Mounting

non-flush mountable

Housing materials

PP (Crealen)

Weight [kg]

0.122

Displays / operating elements

Output status indication LED

yellow

Power LED

green

Function display LED

red

Electrical connection

KG5028 - Capacitive sensor - eclass: 27270102 / 27-27-01-02

Connection PVC cable / 2 m; 3 x 0.34 mm²

Wiring



Accessories

Accessories (included) 2 lock nuts; screwdriver

Remarks

Pack quantity [piece] 1

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