

Product characteristics

Capacitive sensor

Plastic thread M18 x 1

Quick disconnect

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

Electrical data

Electrical design

Operating voltage [V]

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Minimum load current [mA]

Leakage current [mA]

Current rating

- Current rating (continuous) [mA]

- Current rating (peak) [mA]

Short-circuit proof

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

Mechanical data

Mounting

Housing materials

Displays / operating elements

AC/DC

20...250 AC/DC

II

no

normally open / closed programmable

< 6

4

< 2.0 (250 V AC) / < 1.5 (110 V AC) / < 0.8 (24 V DC)

250 AC / 100 DC; 350 AC (...50 °C)

î: 2.1 A (50 ms / 1 Hz)

no

no

25 AC / 50 DC

8

8 ± 10 %

0...6.5

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

1...15

-15...15

-25...80

IP 65

IEC 60947-5-2:

2007

non-flush mountable

PBT; end cap: polycarbonate

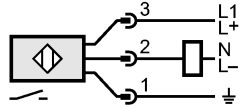
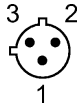
KG3500 - Capacitive sensor - eclass: 27270102 / 27-27-01-02

Output status indication LED | yellow

Electrical connection

Connection | 1/2" connector

Wiring



Accessories

Accessories (included) | 2 lock nuts; screwdriver

Remarks

Pack quantity [piece] | 1