

Product characteristics

Capacitive sensor

Rectangular, plastics

Quick disconnect

Increased immunity to conducted radio frequency interference

Sensing range 60 mm; adjustable; [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

Output status indication LED

Electrical connection

AC/DC

20...250 AC/DC

II

no

normally open / closed programmable

< 8.5

5

< 2.5 (250 V AC) / < 1.3 (110 V AC) / < 0.8 (24 V DC)

200 AC / 100 DC; 250 AC (...50 °C)

$\hat{i}$ : 2.2 A (20 ms / 0.5 Hz)

no

no

10

60, adjustable

60 ± 10 %

0...48.6

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

PPE

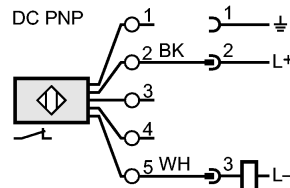
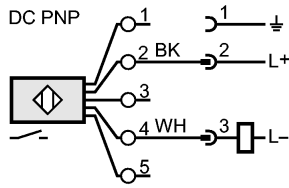
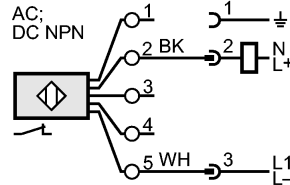
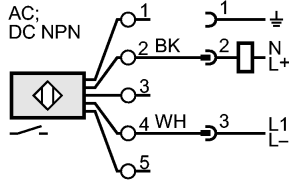
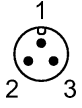
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**KD3500 - Capacitive sensor - eclass: 27270102 / 27-27-01-02**

Connection

7/8" connector

**Wiring**



Accessories

Accessories (included)

screwdriver

Remarks

Pack quantity

[piece]

1