

Flood sensor


TapHome flood sensor with long life. Active corrosion protection, gold-plated contacts, IP66. 3 m cable, no-drill installation option.



Quick Facts

Dimensions	61.9 × 28.9 × 11.3 mm
Operating temperature	-10 ... 40 °C
IP rating	IP66

The sensor indicates the flooding of basements, bathrooms, etc. Active flood sensor, preventing electrode corrosion.

Order Code	UI-FLOOD-SENSOR-1.0
EAN	 8586022932113

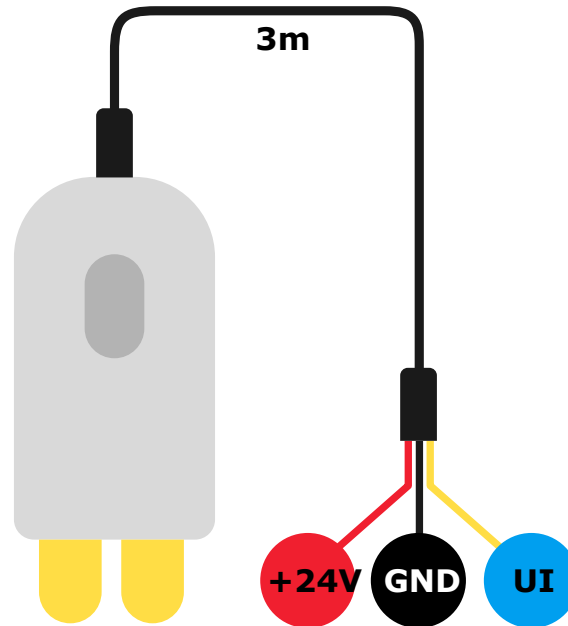
Technical Specifications

ELECTRICAL	
Power supply	24 VDC
Power consumption	< 10 mA
Output current	max. 5 mA
Cable length	3 m (∅ 3.3 mm)
Connection	UI (universal input)
DETECTION	
Sensor type	Active (AC excitation, anti-corrosion)

Terminal Connectors

Connector	Pins	Wire range	Strip length
● Cable	+24V (red), GND (black), UI (yellow)	mm ² (AWG)	mm

Wiring Diagram

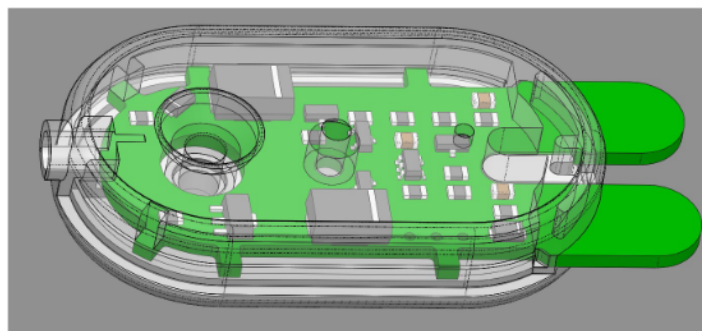


Features

- Active flood sensor, electrodes are excited by AC voltage to prevent corrosion
- Power supply: 24 V DC, consumption < 10mA
- Operating temperature range: -10 to +40 °C
- Output: max. 5 mA
- Dimensions: 61.9 x 28.9 x 11.3 mm (see Related files)
- Protection: IP66

Long life

Active electronics create a constant polarity change on the legs, preventing electrolytic reactions.



Gold-plated contact surfaces on the legs reduce oxidation processes in a humid environment (normal atmospheric humidity is sufficient for oxidation).



WARNING: Many simple sensors on the market do not solve problems with oxidation, they can have a lifetime measured in minutes or days.

Variable installation height

For installation in thick plaster or concrete, a screw with a dowel is included. If the floor in the new building will settle during the first few years, the position of the screw in the slot can be easily moved.



Installation without drilling

For smooth surfaces such as tiles, the sensor can be installed without drilling using a quality double-sided 3M sticker.



The package contains

- Sensor, cable length 3m, \varnothing 3.3mm
- Double-sided 3M sticker
- Screw \varnothing 3.5 x 35mm
- Dowel \varnothing 5 x 25mm



Product page

<https://hardware.taphome.com/ui-flood-sensor-1-0/>

