



SWM 2

## Terminal

Cable connection  
4 pole, 0,14 qmm

1 white : detector line IN  
2 green : “

1 brown : detector line OUT  
2 yellow : “

The cable white and brown also the cable green and yellow are internally in the SWM2 detector connected together, so the complete cables of all SWM2's and the 10 k Ohm end resistor are in the alarm line.

For more information: AN\_B572

LED red : Alarm  
the water detector is latching the alarm till reset the detector line.

## Technical Data

Detector	2x 2 electrode pins at the bottom
Detector position	0,5mm higher at floor conductivity
Measuring resistance of water detector sensitivity	input ~ 0,8 – 1 M Ohm (1,25 – 1 µS)
Alarm line (with Rv) line current	5-30V DC, current limiter min. > 4mA, max.< 20 mA, normally: 0,4µA, alarm: 5mA
Current at 24V + Rv 4k7	0V (<1,5V line voltage)
Alarm Reset open-circuit time	>40ms = Reset
Electric connecting cable	LIYY 4x0,14, length 4m
Cable outer diameter	3,7 mm
Standard specification	DIN16945,DIN53505,DIN53482
Air humidity	0 – 95 % rh
Operating temperature	0 - +60°C
Storage temperature	-30 - +80°C
Construction	PCB, embedded
Weight	130 g IP68
Dimensions	46x34x28mm (WxLxH)

The water detector is suitable for floor mounting. The detector stays on 4 plastic feet, the sensors pins are 0,5mm higher. The detector is not suitable to be continued under water, therefore take the liquid sensor SWM5. The SWM2 is latching the alarm if it detects water, the line current is rising and the red LED “Alarm“ is on. For the evaluation of the alarm line, the analyzing unit GS-AL-LI have output for alarm and fault signal, see B572 and AN B572.

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### **WATER LEAKAGE DETECTOR SWM2**

Detection 2x 2 electrode at the bottom  
Alarm line current amplification, LED alarm

Option V2A fixing clamp with 2 screw mounting

**B 651**

E\_SWM2

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