



SWM 5  
Liquid Level Sensor

## Terminal

Connecting cable  
4 pole 0,14 qmm

1 white : 24V AC/DC supply  
2 brown: 24V AC/DC supply

3 green : N.C. contact alarm  
4 yellow: N.C. contact alarm

Indication :  
LED green : operation  
LED red : alarm

Sensor: LED-photo transistor  
in a dome at the bottom

In case of power failure the  
relay contact 3-4 is open.

## Technical Data

Detector	optical sensor element at the underside of the device 4mm higher than frame foot
Output relays	max. 1A, max. 60V
Measuring system	LED reflection element 7mm dome
Material of the dome	Polysulphone
Electric connecting cable	LIYY 4x0,14, length 4m
Cable outer diameter	3,7 mm
Power supply	24V AC/DC, +-15%
Power current	max. 30mA
Isolation supply/contact	500 V
Casting compound	DIN16945, DIN53505, DIN53482
Air humidity	0 – 95 % rh
Operating temperature	0 - +60°C
Storage temperature	-30 - +80°C
Construction, cable entry	PCB mount.
Weight	130 g
Dimensions	46x34x28mm (WxLxH)

The liquid level detector is suitable for foot mounting. Optical sensor at the bottom, the detector stays on 4 plastic feet. Do not use chlorinated solvents such as trichlorethane as these are likely to attack the sensor material. If the detector detects no liquid, the relay contact 3-4 is closed. The green LED indicates normal condition. If there is a liquid or no power supply, the contact 3-4 is open. The red LED will notify when liquid is detected.

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### **LIQUID LEVEL SENSOR SWM 5**

Detection	LED light is reflected from the plastic dome at the bottom
Output	N.C. contact, LED indication
Power supply	24 V AC/DC

**B 665**

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