

# Floor leak detector WM25



## SAFETY PRECAUTIONS

- Installation, initial start-up and maintenance may only be performed by trained personnel!
- The device may only be connected to power which complies with the specifications included in the technical data and on the serial plate!
- The device must be disconnected from all sources of power during installation and maintenance work!
- The device may only be operated under the conditions specified in these operating instructions!

## DESCRIPTION

WM25 leak detectors are used for monitoring water leaks in rooms and open catch basins. The sensor detects non-aggressive and electrically conductive liquids such as water. Placed on the floor, the sensor triggers an alarm as soon as the liquid reaches the electrodes. The adjustment screws allow to adjust the detection height.

## TECHNICAL DATA

Supply power	24V DC (18...30V DC)
Current consumption	Max. 20mA
Sensitivity	<500k $\Omega$ / >2 $\mu$ S
Measuring current	approx. 1mA
Relay contact	changeover contact, max. 60V / 0.5A
Reset-function	with a magnet attached to the cable (red part)
Connector cable	PVC, approx. 5m long, 5x 0.14mm <sup>2</sup> , longer cables upon request (max. 50m)
Temperature range	-20...+60 °C
Housing	52x36x26mm (LxWxH), PBT glass fibre reinforced
Response height	adjustable: 0/2mm - 5mm
Protection	IP67 (not suitable for permanent immersion)
Weight	approx. 210g including cable

### CE Mark

The device fulfills the legal requirements of applicable EU-guidelines

## INDICATION

Green LED	ON
Red LED	Alarm

## ALARM

If an alarm is detected, the red LED lights up and the built-in relay switches off (latching).

### Water alarm:

Relay contact between yellow and green = open  
Relay contact between yellow and grey = closed

### Normal operation:

Relay contact between yellow and green = closed  
Relay contact between yellow and grey = open

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Floor leak detector  
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M-544.07-EN-AH

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## RESET



To reset the device, hold the magnet integrated in the cable and marked with a red shrink sleeve against the sticker labelled 'MAGNET RESET'.

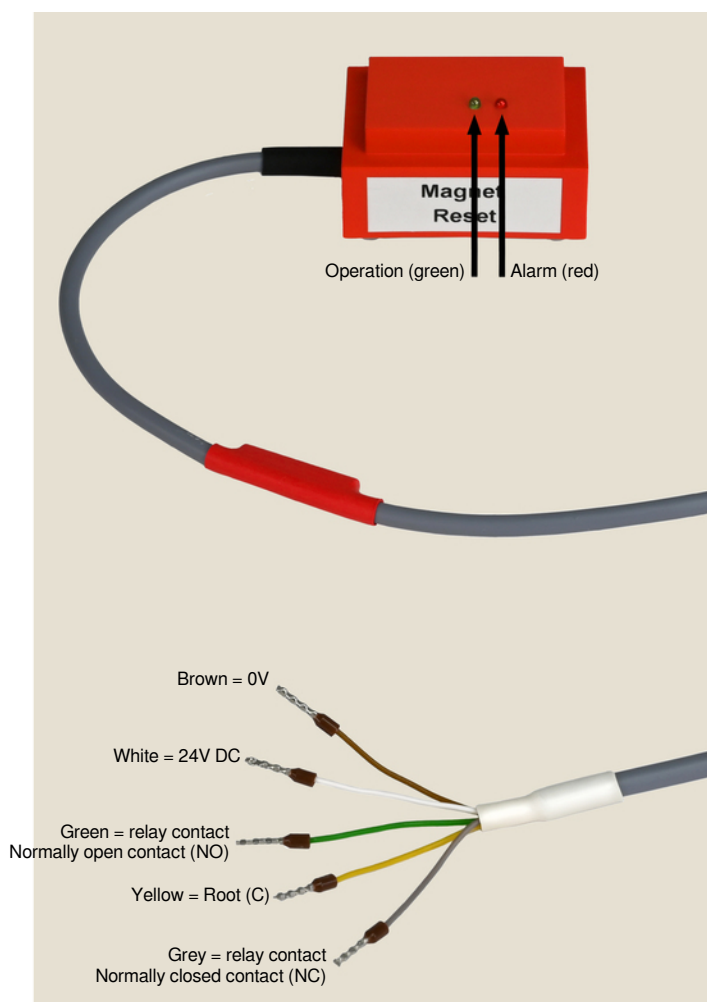
The red LED must go off again when the magnet is removed.

The alarm has now been reset and the appliance is ready for operation again as soon as it has been dried and cleaned.

## MAINTENANCE

The device is maintenance-free.

## ELECTRICAL CONNECTION



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