

# Leakage monitor 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!

## FUNCTIONS DESCRIPTION

The WM25 leakage sensor is used to monitor leakage in rooms and open catch basins. It detects conductive media such as tap water, industrial water and wastewater. Mounted to the floor, it triggers an alarm as soon as escaping medium is detected. The desired trigger height can be adjusted using the plastic screws on the bottom of the unit.

## TECHNICAL DATA

|                            |   |
|----------------------------|---|
| <b>Supply power</b>        | UNom= 24V DC (18 - 30V DC)  |
| <b>Current consumption</b> | max. 20mA   |
| <b>Sensitivity</b>         | <500k $\Omega$ / >2 $\mu$ S   |
| <b>Measuring current</b>   | approx. 1mA   |
| <b>Relay contact</b>       | changeover contact, max. 60V / 0.5A   |
| <b>Reset-function</b>      | throughout magnet fixed on cable  |
| <b>Connector cable</b>     | PVC, approx. 5m long, 5 x 0.14 sq.mm, longer cables upon request (max. 50m) |
| <b>Temperature range</b>   | -20...+60 $^{\circ}$ C  |
| <b>Housing</b>             | 50x35x25mm (LxWxH)  |
| <b>Response height</b>     | adjustable: 0/2mm - 5mm   |
| <b>Protection</b>          | IP67 (not suitable for continuous immersion)                                |
| <b>Weight</b>              | approx. 210g including cable  |

### CE Mark

The device fulfills the legal requirements of applicable EU-guidelines

## INDICATION

|                  |       |
|------------------|-------|
| <b>Green LED</b> | ON    |
| <b>Red LED</b>   | Alarm |

## ALARM

When an alarm is triggered, the red LED lights up and the integrated relay switches off (self-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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Leakage monitor  
**WM25**

18-12-2018

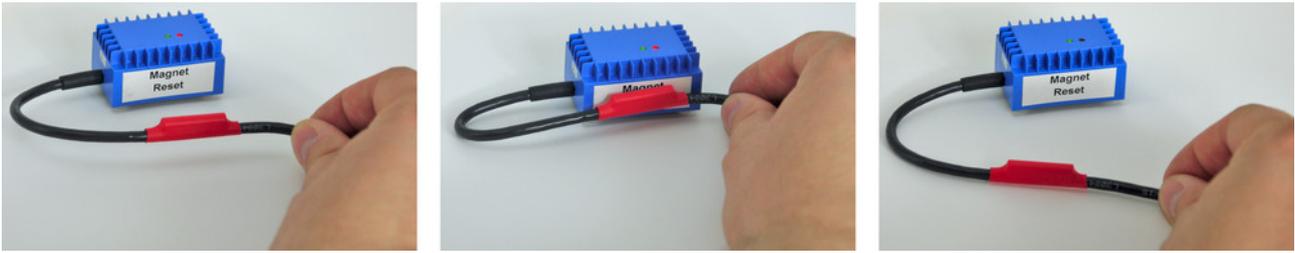
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## RESET

After eliminating the cause of alarm, the device must be cleaned and dried.

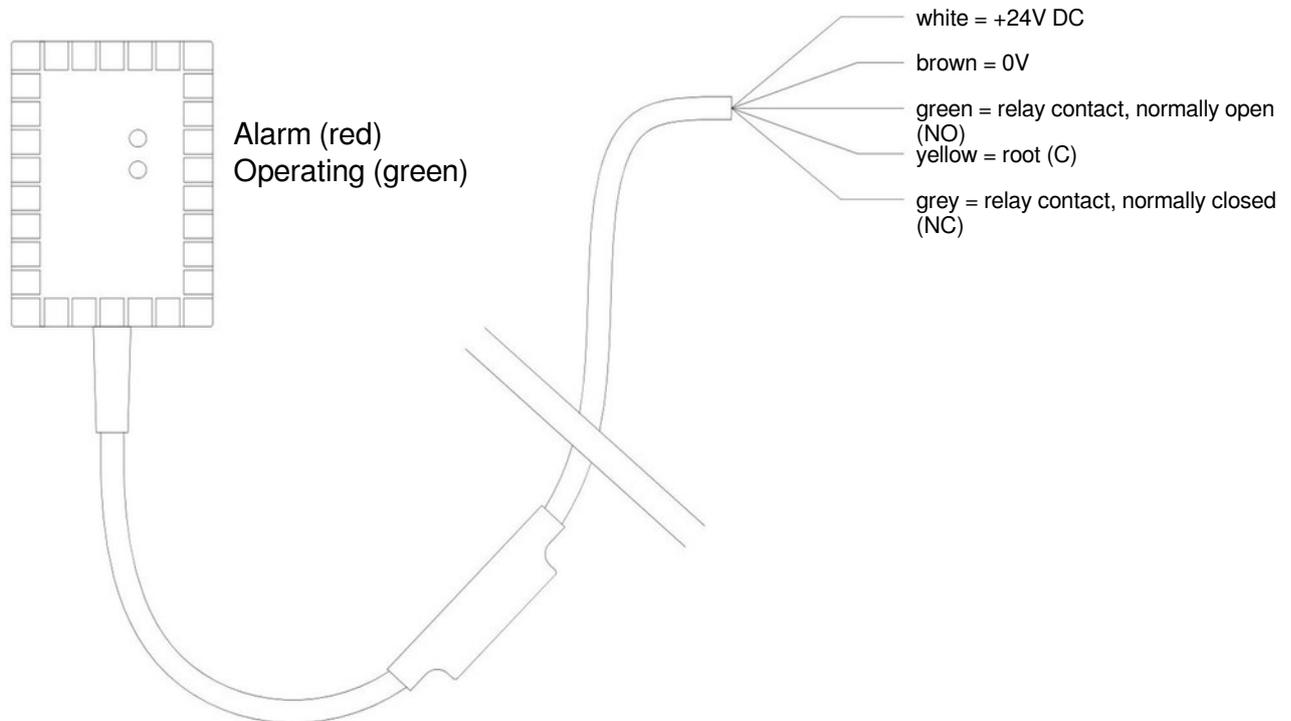


To perform the reset, lift the magnet, which is integrated in the cable and marked with a red shrink sleeving, onto the sticker with the inscription "MAGNET RESET".

When removing the magnet, the red LED must turn off again.

The alarm has now been reset and the WM25 is ready for use again.

## ELECTRICAL CONNECTION



## MAINTENANCE

The device is maintenance-free. It's advisable to clean and dry the sensor contacts after a water alarm.

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