



### 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>	$U_{nom} = 2V \text{ DC (18 to 30V DC)}$
<b>Current consumption:</b>	max. 20mA
<b>Sensitivity:</b>	approx. 0.8 to 1M $\Omega$ (approx. 1 to 1.25 $\mu$ S)
<b>Measuring current:</b>	approx. 1mA
<b>Relay contact:</b>	changeover contact, max. 60V / 0.5A
<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 to + 60°C
<b>Housing:</b>	50 x 35 x 25 mm (L x W x H)
<b>Protection:</b>	IP67 (not suitable for continuous immersion)
<b>Weight:</b>	approx. 210g including cable

### CE Mark:

In accordance with low-voltage directive 2006/95/EC and EMC directive 2004/108/EC

### Indication:

**Green LED:** on  
**Red LED:** 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:

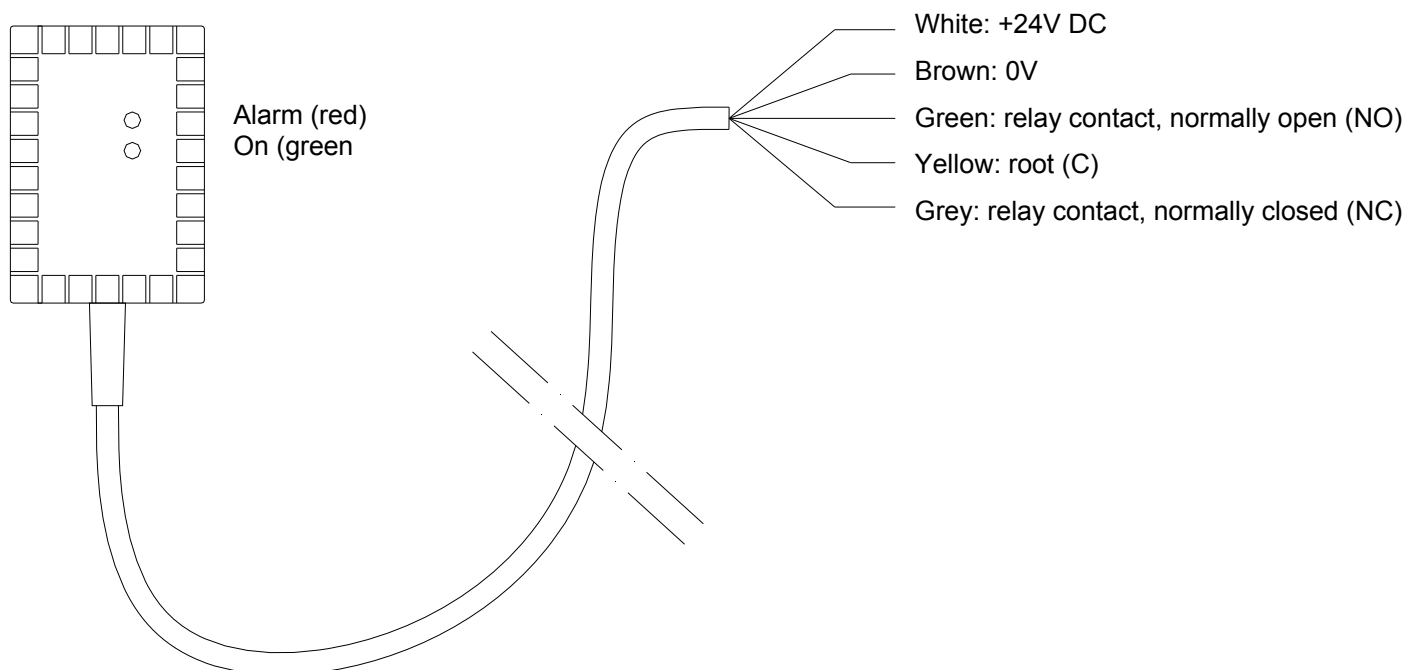
Relay contact between yellow and green = closed

Relay contact between yellow and grey = open

### Reset:

After eliminating the cause of alarm, the device is reset by briefly interrupting supply power (> 2 sec.). The red LED then goes out.

### Electrical Connection:



### Maintenance:

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