Water warning systems for leakage detection of fluids

- Plug-in connection
- Zone separation 10 m
- Connection cable
- Aircondition
- End plug
- Leakage reference point
- Sensor cable
- Monitoring device
WaterWarningSystem RLW with sensor cable SCR

Instructions for flush-mounting in walls

The zone separation module provides a very good partition of leakage detection between two rooms. The offset of the zone separation (10 m) has to be taken into account in the installation plan (see drawing).

Example: 50 m sensor cable in room 1 and 30 m sensor cable in room 2. That means 80 m total sensor length + 10 m zone separation. The monitoring device observes 90 m. The connection cable doesn’t influence the length.

A room description can also be stored in addition to the metre readout. This is done with the menu “canal zone”.

Zone 1: 0 to 50 m text: e.g. EDP-Room 1
Zone 2: 60 to 90 m text: e.g. EDP-Room 2

Up to 50 zones can be realized.
**Water Warning System with localization**

Example of connection: sensor cable SCR with T-joint

Type: 17-85Z4-3200

Applications:
- Arm within a line of sensor cable
- separation between rooms and floors

In the T-joint integrated is a zone separation. This guarantees exact identification of rooms and floors. The connection cable doesn’t influence information on leak localization.

Measures:

![Diagram of sensor cable with T-joint](image)

**Example:**

![Diagram of Water Warning System](image)

**Legend:**
- RLW: Monitoring device
- SCR: Sensor cable
- CC: Connection cable
- ●: Point of reference in meter
- ▼: End plug
- ■: 4 pin plug
- ▲: 4 pin socket

**Function zone separation**

10m sensor cable are simulated between input and T-output and 10m sensor cable are simulated between T-output and output.

The additional length is registered by the monitoring device RLW.