



RLW monitoring electronics with locating

Features

- System status with plain text report
- Quick and precise localisation of the leakage location
- Monitoring lengths to 3.000 m
- No system calibration required
- Simple integration into the building surveillance
- With combinable sensor cable and point sensor

Description

The RLW monitoring electronics can be easily integrated into the building surveillance. System calibration is not necessary.

To safeguard the system, the software is password-protected. RLW can be combined both with the sensor cable and also with the point sensor.

The system status appears as a plain text report. The menu texts in the display are stored in 3 languages, German, English and French. The front membrane texts are in three languages as standard.

The location of the leakage appears in the display quickly and precisely. This ensures that the location of the leakage can be found rapidly and countermeasures introduced immediately.

The max. monitoring length is 3.000 m and can be displayed in metres or feet. For each measuring channel up to 1.500 m of sensor cable can be connected. The monitoring length can be divided into 50 zones per measuring channel.

Technical data

Model	plastic wall-mounted enclosure with transparent protective cover, terminal connection chamber and cable glands
Dimensions	284 x 217 x 143 mm (W x H x D); (dimension H without cable glands)
Inputs	- voltage supply (standard) AC 230 V or AC 115 V/50 to 60 Hz/8VA or DC 12V or DC 24V/7W - sensor connection
Outputs	- two floating change-over contacts for leakage report: per measuring channel (3 A at AC 230 V) - two floating change-over contacts for fault (fail-safe) power failure surveillance: 3 A at AC 230 V - RS 232 interface (standard) and RS 485 (options) block-oriented, secured single-master protocol for connecting to the building services management
Event logger	storage of the last 20 events with date, time and plain text
Measuring accuracy	± 0.1 % of the measurement range end level
Method of measurement	conductive (conductive liquids > 30 µS)
Self-monitoring	sensor rupture and power failure
Date/time	automatic switch-over from summer/winter time
Operating elements	membrane keyboard operation of all functions including the plain text inputs
Signal	optical: LED displays; operation/leakage/rupture/fault acoustic: piezoelectric buzzer (can be switched on and off)
Ambient temperature	0 °C up to +50 °C
Protection class	IP 65

Selection chart

Monitoring electronics	➔ Order no.
RLW with locating, single-channel	17-85G1-2121
RLW with locating, dual-channel	17-85G1-2221
RLW with locating and RS485, single-channel	17-85G1-2122
RLW with locating and RS485, dual-channel	17-85G1-2222