



- Quick and precise localisation of the leakage location
- Monitoring lengths to 3,000 m
- No system calibration required

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 three 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 counter-measures 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 (W x H x D)	284 mm x 217 mm x 143 mm; (dimension H without cable glands)
Inputs	power supply (standard) AC 230 V or AC 115 V/50 to 60 Hz/8 VA or DC 12 V or DC 24 V/7 W 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 RS232 interface (standard) and RS485 (option) block-oriented, secured single-master protocol for connecting to the building management system
Event logger	storage of the last 20 events with date, time and plain text
Measuring accuracy	±0.1 % of the measurement range end level
Measurement method	conductive (conductive liquids > 30 µS/cm)
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 to +50 °C
Protection class	IP 65

Ordering information

RLW single-channel	17-85G1-2121
RLW dual-channel	17-85G1-2221
RLW and RS485, single-channel	17-85G1-2122
RLW and RS485, dual-channel	17-85G1-2222

Technical data subject to change without notice.