Water Leak detection systems

KB

LEAKSENSE
MODEL ALT600, ALT600W

Water leak detection systems are used in a variety of different applications, including museums, archiving facilities, data centers, art galleries, server rooms, I.T. suites, hotels, banks, hospitals, supermarkets, military establishments, processing plants and telecommunication centers.

The comprehensive water leak detector systems that we offer are specifically designed to network along with multiple control panels in addition to functioning as stand alone water leak detection systems. Our water leak detector systems are powered through PC based operating systems, ensuring complete reliability and dependability.

Convenient and usable

ATL600 water leak location alarm is a high-performance water leak detector, which can detect the leakage of water, acid and base. A range of monitoring is up to 200m, once the unit detected liquid leakage, it will output relay signal in the screen.
ATL600 not only can work independently but also apply with other module through network. The alarm can integrates into a variety of monitoring system, and then remotely controls equipment and alarms when the unit detected leakage. Owing to configurable software the module owns, you can change the configuration by Windows PC.

Multi-purpose design

The unit with highly sensitive elements and unique anti-surge function not only can shows high sensitivity when occurs leakage but also avoid false alarm caused by diversified external factors.
RS-485 serial communication is connected to twisted-pair cable up to 1200m, automatically choose protocol(MODBUS, Opto22 and Metasys) Ethernet module as requirement/option.
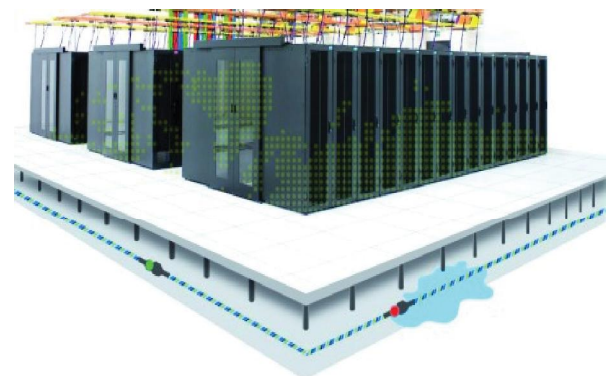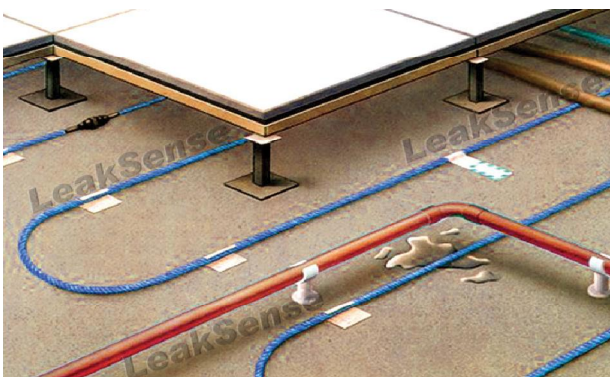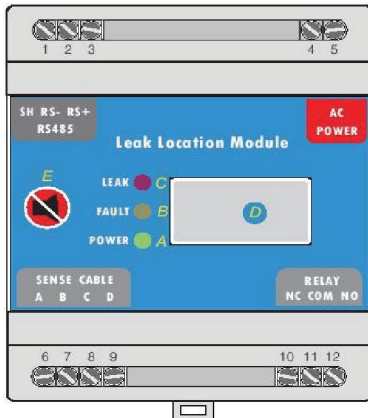
Design Features

- Voltage-free contacts for alarm signaling.
- LED's to indicate power, leak, cable trouble, and communication status.
- Leak location display on LCD.
- Simple twisted pair serial RS-485 communications up to 200 meters.
- Available for 12 Vdc, 24 Vdc or 230 Vac 50/60 Hz power supply.
- Each ATL600 unit has a unique address assigned with software no switches.
- Relay software selectable for normally energized or normally deenergized operation.
- DIN rail mounted for easy installation.
- Selectable unit of measure (Feet or Meters).

MODEL ALT600

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Smart Data center.

Water Leak detection systems

MODEL ALT600 W

Function

A	Power indicator
B	Fault indicator
C	Leak indicator
D	Location number of water leak cable
E	Reset button (Alarm sounded stop)

Technical data

General features
- Sensor compatibility All sensor cables and point sensors or contact closure devices.
- LCD backlit for displays distance to leak.
- LED indicator for show Power, Alarm, Fault (cable trouble or unit problem) status.
- Maximum length of sensing cable 200 m (650 ft).
- Accuracy 1% of sensor cable length.
- Response time less than 1 sec.
- Kepler software for communication connecting (Real time monitor, Alarm log, etc.).
- Alarm record 30 record.
- Each ALT600 unit has a unique address assigned with software – no switches
- Weight 385g.
- Housing white PVC,NEMA1,IP55.

Relay contacts
- Relay output 1SPDT,60VDC (Form C) or 125AC,1A rated value NO/NC.
- Action Software selectable; normally energized or normally de-energized (default); alarm on leak or alarm on cable break and sensor fault.

Unit interface
- Network configuration RS-485 two wire network, 9,600 baud, addressable from 1 to 127.
- Communication protocol MODBUS™, OptoMux™ or Johnson Controls Metasys™, RS-485 or Ethernet Lan (option).

Environmental ratings
- Environmental ratings Storage temperature -18°C to 60°C (0°F to 140°F).
- Operating temperature 0°C to 50°C (32°F to 122°F).
- Humidity 5% to 95% non-condensing.

Power requirements
- Power requirements 22 to 26 Vac, 50/60 Hz, 3 W.
- Power requirements 12 Vdc, 24 Vdc or 230 Vac ,50/60 Hz (Model ALT600 W).

CE

RoHS COMPLIANT

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