

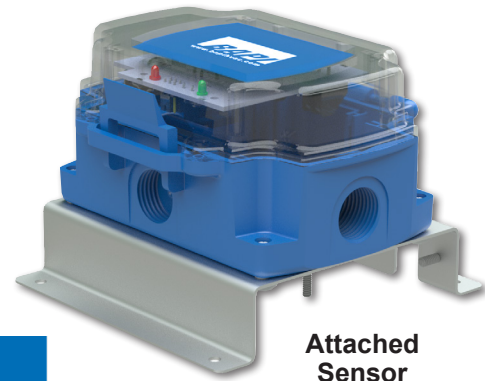


Features & Options

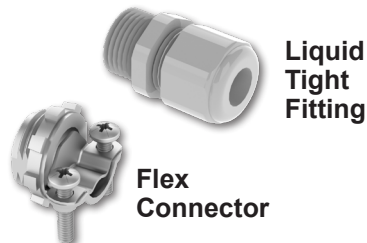
- Detection Within 5 Seconds with Local LED Alarm Indication
- Alarm Output 0.5 Amp Relays
- Attached Sensor or Remote Sensor
- Usable in Industrial Electromagnetic Environments
- Automatic or Manual Unit Reset

The Water Leak Detector is designed to sense the presence of water and alert a central monitoring system of the potentially destructive situation. Upon water detection, the alarm output relays change state, and a local red LED illuminates.

The sensors detect dirty and purified water, deionized water, distilled water and reverse osmosis (RO) water.



Attached Sensor



Liquid Tight Fitting

Flex Connector



Remote Sensor

Specifications

Power: 24VAC/VDC $\pm 10\%$, 3.9VA max @ 24VAC, 90mA max @ 24VDC (Reverse Polarity Protected)
 Note: This unit does not require a separate isolated power supply.

Rectification: Half Wave

Wiring:

Screw Terminals: 2 to 3 pair of 12 to 22AWG (BAPI recommends 16 to 22AWG)

Water Detection Sensor: 2 wires (provided), optional Flex Connector or Liquid Tight Fitting for strain relief

Sensor:

Attached Sensor: Sensor w/ adjustable depth screw from 0.063 to 0.84" (1.60 to 21.34mm)

Remote Sensor: Sensor w/ adjustable depth screw from 0.062 to 0.5" (1.57 to 12.70mm)

(Attached and Remote Sensors are designed to be mounted to flat surfaces or on the rims of drip pans.)

Alarm Output Relays:

Two SPST (Form A) Relays field selectable for Normally Open or Normally Closed. When configured as Normally Closed, the relay will change state with loss of power. 0.5A relay outputs, 10W max. Relay is not intended to switch a load.

Alarm Reset Action:

Auto: Relay automatically resets after water is removed (default)

Manual: Relay stays in alarm until manually reset or power is cycled

Local Indication: 1 Green Power LED, 1 Red Alarm LED

Operating Environment

Remote Sensor: -4 to 158°F (-20 to 70°C), 0 to 100%RH, condensing

Detector in BAPI-Box: -4 to 158°F (-20 to 70°C), 0 to 95%RH, Non-condensing

Enclosure Material and Ratings: NEMA 4 (IP66), UV-Resistant Polycarbonate, UL94 V-0

Agency: CE 61326-1:2013 EMC (Industrial Electromagnetic Environment), RoHS, UL

Warranty: 5 years





Water Leak Detector Option Selection Guide

BA/ (#1) - (#2) - (#3)

#1: Leak Detector Transmitter (required)

LDT2..... Water leak detector with two 0.5 Amp SPST contacts

#2: Probe Sensor (required)

PS..... Probe Sensor built into the enclosure

RS5..... Remote Spot Sensor with 5 foot FEP cable

RS10..... Remote Spot Sensor with 10 foot FEP cable

RS25..... Remote Spot Sensor with 25 foot FEP cable

#3: Enclosure and Fitting Options (required)

BB BAPI-Box enclosure, IP66 rated

BB-LTF BAPI-Box enclosure, IP66 rated, with liquid tight fitting

BB-GFF BAPI-Box enclosure, IP66 rated, with flex connector

Example Number: BA/ (LDT2) - (RS10) - (BB)

Actual Number (with parenthesis removed): BA/LDT2-RS10-BB

Description: Detector with Two 0.5A Relays, 10' Remote Sensor and BAPI-Box Enclosure

Your Number: BA/

Replacement Remote Sensors (For updates to existing systems)

Part Number Sensor Type

BA/RS5 Remote Spot Water Sensor with 5 foot FEP cable

BA/RS10 Remote Spot Water Sensor with 10 foot FEP cable

BA/RS25 Remote Spot Water Sensor with 25 foot FEP cable

Dimensions

