

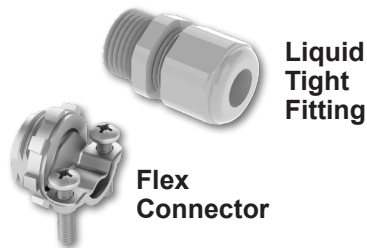


Features & Options

- Detection Within 5 Seconds with Local LED Alarm Indication
- Alarm Output, Two 5 Amp Relays
- Attached Sensor or Remote Sensor
- 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.



Liquid
Tight
Fitting

Flex
Connector



Attached
Sensor

Remote
Sensor

5
YEAR
WARRANTY

Specifications

Power: 24VAC \pm 10% (If VDC power is required, call your BAPI rep.), 5 Amp Relays: 4 Watt / 4 VA max

Rectification: Half Wave

Wiring:

Screw Terminals: 2 to 4 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.)

Latching and Supervised Relay Options:

Latching..... Relays stay in alarm until manually reset or power is cycled

Non-Latching Relays automatically reset after water is removed (default)

Unsupervised..... Relays energize on water detection

Supervised..... Relays de-energize on water detection (default) Note: Relay de-energizes on loss of power

Reset Action: If latching, local pushbutton or power interrupt

Local Indication: One green power LED, one red alarm LED

Alarm Relay Contacts:

LDT4: Two SPDT, 5 Amp relay outputs

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: RoHS, UL

Warranty: 5 years





Water Leak Detector Option Selection Guide

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

#1: Leak Detector Transmitter (required)

LDT4..... Water leak detector with two 5A relays, SPDT 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 lex connector

Example Number: BA/ (LDT4) - (RS10) - (BB)

Actual Number (with parenthesis removed): BA/LDT4-RS10-BB

Description: Detector with Two 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

