

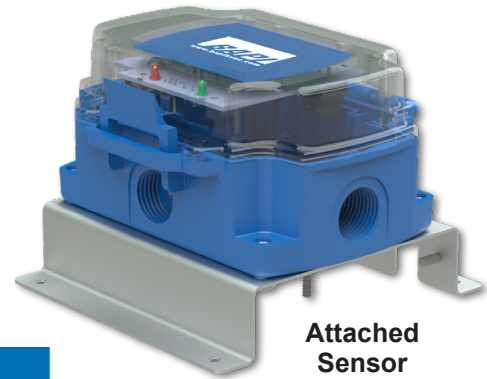


## Features & Options

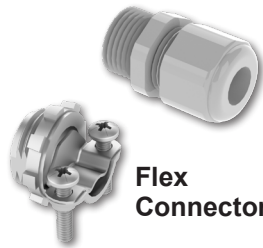
- Detection Within 5 Seconds with Local LED Alarm Indication
- Alarm Output, Two 5 Amp Relays
- Attached Sensor or Remote Sensor
- Automatic or Manual Unit Reset

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.



Attached Sensor



Flex Connector

Liquid Tight Fitting



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 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.)

**Alarm Reset Action:** Field selectable for Auto (Non-Latching) or Manual (Latching)

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

**Alarm Relay Contacts:** Two SPDT, 5 Amp relay outputs

### Operating Environment

Remote Sensor: -20 to 185°F (-28 to 158°C)

Detector (BB): -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 – 5 Amp Relays

G9

Accessories for HVAC/R

Submission datasheets without List Prices are available on our website at [www.bapihvac.com](http://www.bapihvac.com)

## Water Leak Detector Option Selection Guide

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

### #1: Leak Detector Transmitter (required)

**List Price**

LDT4..... Water leak detector with two 5A relays, SPDT contacts ..... \$200

### #2: Probe Sensor (required)

PS..... Probe Sensor built into the enclosure..... \$32

RS5..... Remote Spot Sensor with 5 foot FEP cable ..... \$36

RS10..... Remote Spot Sensor with 10 foot FEP cable ..... \$41

RS25..... Remote Spot Sensor with 25 foot FEP cable ..... \$56

### #3: Enclosure and Fitting Options (required)

BB ..... BAPI-Box enclosure, IP66 rated ..... \$12

BB-LTF ..... BAPI-Box enclosure, IP66 rated, with liquid tight fitting..... \$22

BB-GFF ..... BAPI-Box enclosure, IP66 rated, with flex connector ..... \$13

**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

**List Price:** \$200 (Two 5A Relays) + \$41 (10' Remote Sensor) + \$12 (BAPI-Box) = \$253 List Price

**Your Number:** BA/

## Replacement Remote Sensors (For updates to existing systems)

Part Number	Sensor Type	List Price
BA/RS5	Remote Spot Water Sensor with 5 foot FEP cable	\$36
BA/RS10	Remote Spot Water Sensor with 10 foot FEP cable	\$41
BA/RS25	Remote Spot Water Sensor with 25 foot FEP cable	\$56

## Dimensions

