

Water Leak Detector

Accessories for HVAC/R

The Automated Logic 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 relays change state, and a local red LED illuminates. The transmitter can be set for latching or non-latching alarm, and normally energized or normally de-energized operation.

Key Features

- 5 Amp Relays @ 30VAC/DC
- 24 VAC or VDC Power
- NEMA 4 Enclosure
- Detection Within 5 Seconds with Local LED Alarm Indication
- Adjustable Detection Level with Bottom or Pan Edge Mounting

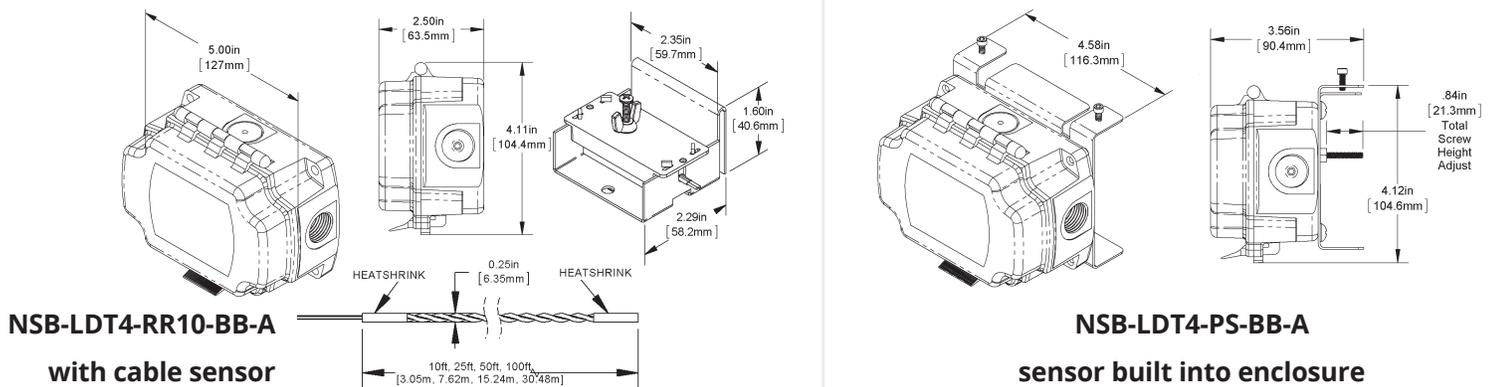


Part Number

Description

- | | |
|--------------------|--|
| NSB-LDT4-PS-BB-A | Water leak detector transmitter w/ 2 SPDT 5A contacts with probe sensor built into the enclosure |
| NSB-LDT4-RR10-BB-A | Water leak detector transmitter w/ 2 SPDT 5A contacts with remote spot sensor with 10 foot FEP cable |

Mounting



The WebCTRL® building automation system gives you the ability to understand your building operations and analyze the results. The WebCTRL system integrates environmental, energy, security and safety systems into one powerful management tool that allows you to lower energy consumption, increase occupant comfort, and achieve sustainable building operations. Our web-based platform allows building managers to control and access information about their HVAC, lighting, central plant and critical processes on premises or remotely at any time of day.



Water Leak Detector

Specifications

Power:

24VAC/VDC +/- 10%

Wiring:

Flex Connector or Liquid-Tight Fitting

Relays Up to 6 wires for Alarm Contacts

Transmitter 2 wires for Power

Mounting:

Lays in the pan with industrial adhesive tape or attached to the pan edge with screws

Sensor:

Standard Attached SS probe w/ adjustable depth screw from .063" to .84" (OR)

Remote Long Line Wire Sensor (Rope), Plenum Rated
Detects 1/8" of water over the full length 10 length.

Detector Transmitter:

Alarm Contacts: Two SPDT, 5A relay outputs*

Indication 1 Green Power LED, 1 Red Alarm LED

Reset Action If latching, local push button or power interrupt

Termination: Terminal strip, 12 to 24 AWG

* Latching Relay stays in alarm until manually reset or power is cycled

Enclosure Ratings:

Remote Sensor Submersible, with FEP plenum-rated, waterproof cable

Detector NEMA 4 Box

Ambient:

Rope Sensor 32 to 167°F (0 to 75°C), 0 to 95%RH, Non-condensing

Attached -40 to 185°F (-40 to 85°C), 0 to 95%RH, Non-condensing

Materials:

Sensor: Stainless Steel

Enclosure: Polycarbonate

Agency: RoHS, UL94V-0, UV-rated in Enclosure



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