



Features & Options

- Detection Within 5 Seconds with Local LED Alarm Indication
- 5 Amp or 0.5 Amp Relays @ 30VAC/DC
- One Piece, Rope or Remote Sensor Design
- Adjustable Detection Level with Bottom or Pan Edge Mounting
- 18 to 30VAC Power
- NEMA 4 Enclosure

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 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.



Detector with Remote Sensor

Detector with Attached Sensor

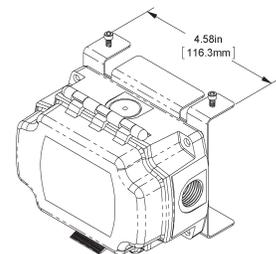


Detector with Rope Sensor

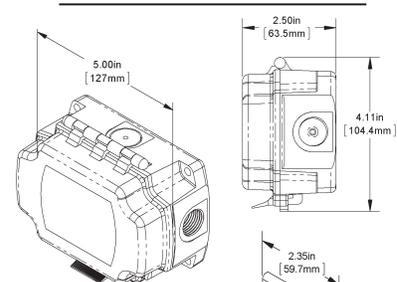
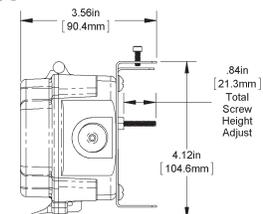


Specifications

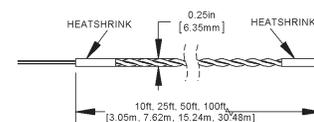
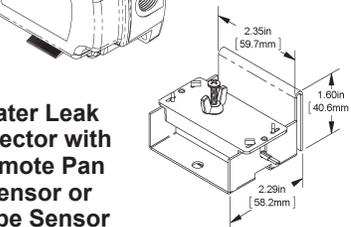
Power:	18 to 30VAC, ~4 VA
Wiring:	Flex Connector or Liquid Tight Fitting
Relays	Up to 6 wires for Alarm Contacts
Transmitter	2 wires for Power
Mounting:	Lays in the pan with industrial adhesive tape or attached to the pan edge with screws
Sensor:	
Standard	Attached SS probe w/ adjustable depth screw from .063" to .84"
Optional	Remote Sensor w/ adjustable depth from 0.062 to 0.5", Mounting to pan with industrial adhesive tape or 0.172" mounting holes
Optional	Remote Long Line Wire Sensor (Rope), Plenum Rated. Detects 1/8" of water over the full length. Comes in 10, 25, 50 or 100 ft lengths.
Detector Transmitter:	
Alarm Contacts	LDT1: One SPST, 0.5A relay output, 10W max. LDT2: Two SPST, 0.5A relay outputs, 10W max. LDT3: One SPDT, 5A relay output LDT4: 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 and Supervised Relay Options:	
Latching	Relay stays in alarm until manually reset or power is cycled
Non-Latching	Relay automatically resets after water has dried up (default)
Unsupervised	Relay energizes on water detection
Supervised	Relay de-energizes on water detection (default) Note: Relay de-energizes on loss of power
Enclosure Ratings:	
Remote Sensor Detector	Submersible, with FEP plenum-rated, waterproof cable BAPI-Box, NEMA 4
Ambient:	
Remote Sensor	-40 to 185°F (-40 to 85°C), 0 to 100%RH, Condensing
Rope Sensor	32 to 167°F (0 to 75°C), 0 to 95%RH, Non-condensing
Detector (BB)	-40 to 185°F (-40 to 85°C), 0 to 95%RH, Non-condensing
Materials:	Sensor: Stainless Steel BAPI-Box: Polycarbonate
Agency:	RoHS, UL94V-0, UV-rated in Enclosure



Water Leak Detector with Attached Sensor



Water Leak Detector with Remote Pan Sensor or Rope Sensor





Rev. 09/14/15

Water Leak Detector

Accessories for HVAC/R

E7

Ordering Information		Water Leak Detector	
BA/	BAPI Product Design		
	Leak Detector Transmitter		Must select one
LDT1	Water leak detector transmitter w/ one 0.5A SPST contacts		
LDT2	Water leak detector transmitter w/ two 0.5A SPST contacts		
LDT3	Water leak detector transmitter w/ one SPDT 5A contacts		
LDT4	Water leak detector transmitter w/ two SPDT 5A contacts		
	Probe Sensor		Must select one
-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		
-RR10	Remote Rope Sensor with 10 foot Plenum Rated Sensor Cable		
-RR25	Remote Rope Sensor with 25 foot Plenum Rated Sensor Cable		
-RR50	Remote Rope Sensor with 50 foot Plenum Rated Sensor Cable		
-RR100	Remote Rope Sensor with 100 foot Plenum Rated Sensor Cable		
	Enclosure and Fitting Options		Must select one
-BB	BAPI-Box enclosure, IP66 rated		
-BB-LTF	BAPI-Box enclosure, IP66 rated, w/ Liquid tight fitting		
-BB-GFF	BAPI-Box enclosure, IP66 rated, w/ flex connector		
EXAMPLE			
BA/	LDT4	-PS	-BB
BA/LDT4-PS-BB Water leak detector w/ two SPDT 5A contacts			
Your Part Number:			

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

Replacement Remote Water Sensors

For use as updates to existing systems or built-in (-PS) probe transmitters

Ordering Information		Replacement Remote Water Sensors	
BA/	BAPI Product Design		
	Remote Spot Water Sensor		Must select one
RS5	Remote Spot Water Sensor with 5 foot FEP cable		
RS10	Remote Spot Water Sensor with 10 foot FEP cable		
RS25	Remote Spot Water Sensor with 25 foot FEP cable		
RR10	Remote Rope Sensor with 10 foot Plenum Rated Sensor Cable		
RR25	Remote Rope Sensor with 25 foot Plenum Rated Sensor Cable		
RR50	Remote Rope Sensor with 50 foot Plenum Rated Sensor Cable		
RR100	Remote Rope Sensor with 100 foot Plenum Rated Sensor Cable		
EXAMPLE			
BA/	RS10		
BA/RS10 Remote Spot Water Sensor w/ 10foot FEP cable			
Your Part Number:			

