ProH2O™ Professional

Distance Locating Linear Water Leak Detection

- *Addressable or Conventional*
- *Built-In Distance Locating*
- *Leader Cable and EOL Plug Included*

PRO H2O

Cut Sheet

Processional (WLDL-D1M) L1017
Detection Cable - L1004, L1006 and L1007

Features

- **Detects and displays anywhere along the length of cable**
- **Built-In Distance Locating**
- **Self Restoring Plug and Twist Cables**
- **Pro H2O Professional works stand alone or with any Fire Alarm or Security panel**
- **Up to 1000 linear feet (300m) per detector**
- **24 VDC operation**
- **Alarm and Fault Connections**
- **4-20mA and o-10VDC analog outputs**
- **Includes 33 ft (10M) of Leader Cable and EOL Plug**

ISO 9001 Registered

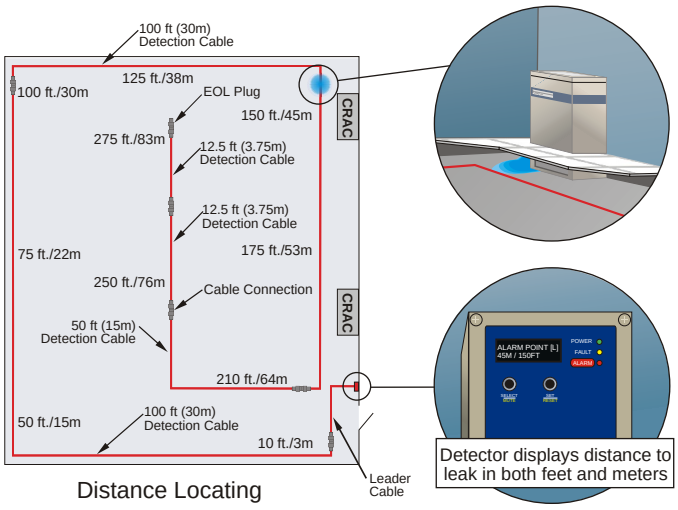
Description

The ProH2O Professional Distance Locating Linear Water Leak Detector can detect and display any water based product. Use it by itself or just add a contact monitor module to your new or existing security or addressable fire alarm control/releasing panel. No special panels required. The ProH2O Professional offers larger systems and can display the length on the detection cable where the water leak occurred making it easy to find the leak.

The new ProH2O "Plug and Play" system consists of the Detector, 33 ft (10m) Leader Cable, EOL (End of Line) termination plug and any combination of water leak detection cables up to 1000ft/300m Maximum. The cables come in three easy to use "Plug and Twist" lengths, 12.5 ft (3.75m), 50 ft (15m) or 100 ft (30 m). Just use the supplied leader cable and run it to the beginning of your detection zone and then run combination of detection cables that best meets your needs. ProH2O leak detection cable can be run on the floor utilizing our adhesive backed easy to use "Quick Clips" near sensitive equipment, low areas or anywhere water may enter the environment. It can also be attached directly to sprinkler or process piping with our double loop ties to easily monitor for leaky pipes.

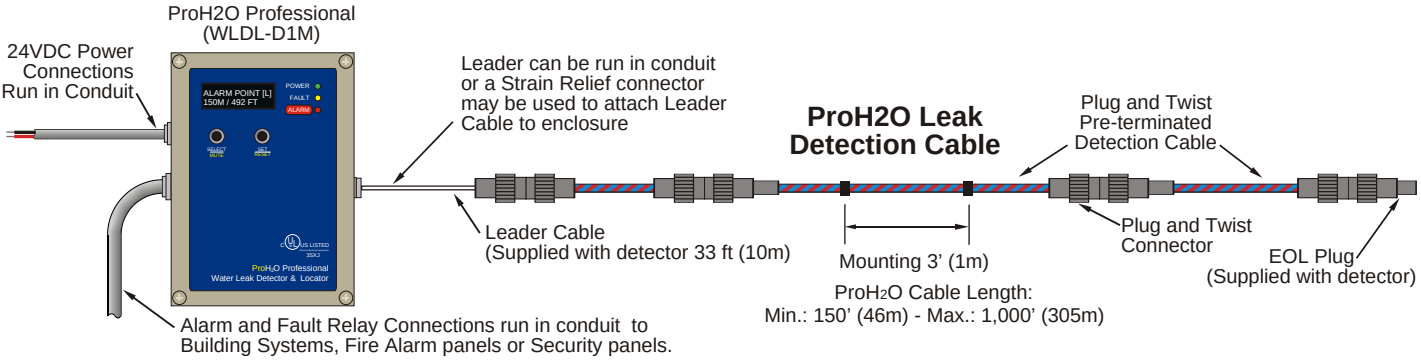
Applications

Even a small water leak can cause a hugely disproportional amount of damage. ProH2O can detect leaks in any area where water intrusion can be harmful. Electrical rooms, sump areas, low lying basements, sprinkler and process piping, telecom and computer rooms at 6 ft (1.8m) spacing and can be used to activate water shut off

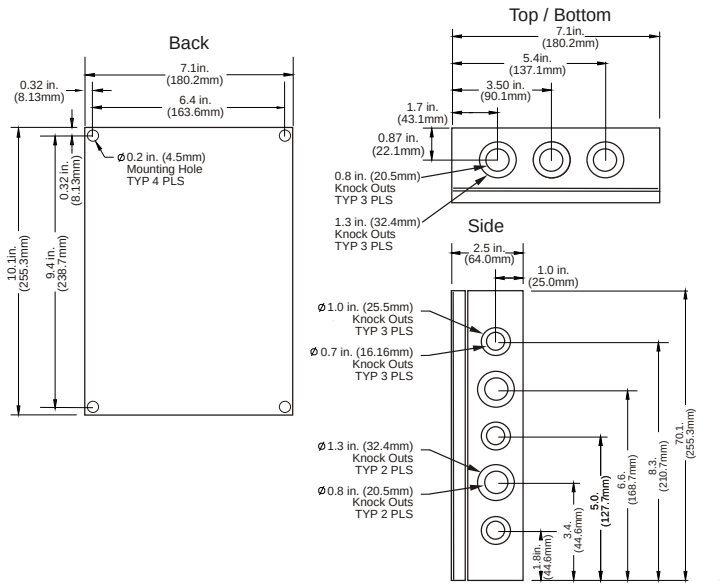


Distance Locating

Typical Configuration



Mechanicals Detail



Installation Accessories

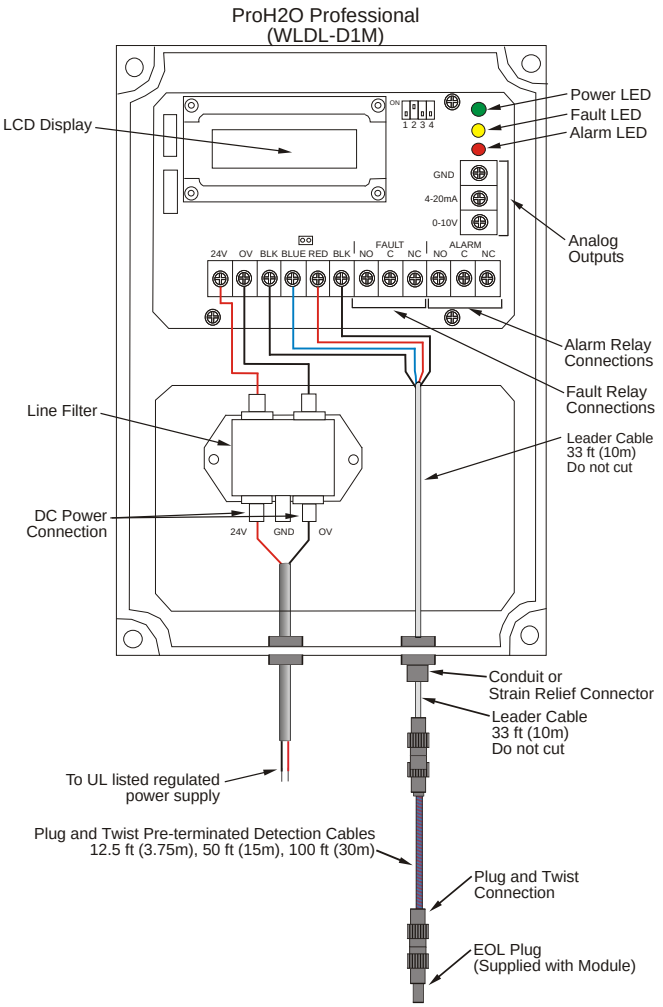
	**Plug and Twist Pre-terminated Linear Leak Detection Cable** 12.5 ft (3.75m), 50 ft. (15.0m) and 100 ft. (30.0m)
	**Quick Clip, Adhesive Mount** Used to secure cable to flat surfaces
	**Double Loop Cable Ties** Fits 3/4" - 2" (2cm - 5cm) sprinkler pipe.
	**Double Loop Cable Ties** Fits 2½" - 3½" (6cm - 8.9cm) sprinkler pipe.
	**Cable Tie Mount Adhesive** Use to secure Quick Clips to a surface.
	**Cable Clip** 3/16" (4.8mm) mounting hole.
	**Strain Relief Connector, Nylon** Used to seal and fasten Leader Cable to enclosure.

Specifications
ProH2O Professional and Leak Detection Cable

ProH2O Professional (WLDL-D1M)	
Part Number	L1017
Dimensions (W x H x D):	7.1" x 10.1" x 2.5" 180.2mm x 255.3mm x 64.0mm
Enclosure Rating:	NEMA4 (IP65/IK08)
Weight:	2.53 lb. (1.15kg)
LCD Display:	Backlit
Current Draw:	<160mA @ 24VDC normal operation <200mA @ 24VDC alarm state
Operating Voltage:	18 - 28 VDC Note: Power Supply not included. Use any UL listed regulated DC power supply to power the detector.
Operating Temperature:	32° - 120°F (0° - 50°C)
Min. Cable Length:	100 ft. (30m)
Max. Cable Length:	1,000 ft. (305m)
Dry Contact Relays:	1 - Alarm, 1 - Fault
Relays:	8A @ 30VDC (NO, C, NC)
Analog Outputs:	4-20mA and 0-10VDC
LEDs:	Power, Alarm, Fault
Audible:	Sounder for Alarm and Fault
Plug and Twist Detection Cable	
Part Numbers	L1004: 12.5 ft. (3.75m) L1006: 50 ft. (15.0m) L1007: 100 ft. (30.0m)
O.D.:	1/4" (6.4mm)

Specifications are subject to change without notice. Delivery subject to availability.

Electrical Detail



Note: Please refer to all federal, state and local codes, and manufacturer's recommendations prior to design or installation.

SAFE Fire Detection, Inc.
5915 Stockbridge Drive
Monroe, NC 28110
Phone: 704-821-7920
www.safefiredetection.com

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