LeakPro® — LeakPoint®
Leak Detection Controller | Alarm

ICON PROCESS CONTROLS™
Corrosion-Free
Instrumentation Equipment

LeakPro®

LDP-100-V

Features

- ✓ 7500' Cable Sensing Range
- ✓ Optional Audible + Visual Notification
- ✓ 3 Amp Relay Output
- ✓ Sensitivity Adjustment
- ✓ NEMA 4X Enclosure
- ✓ RS485 Modbus Communication
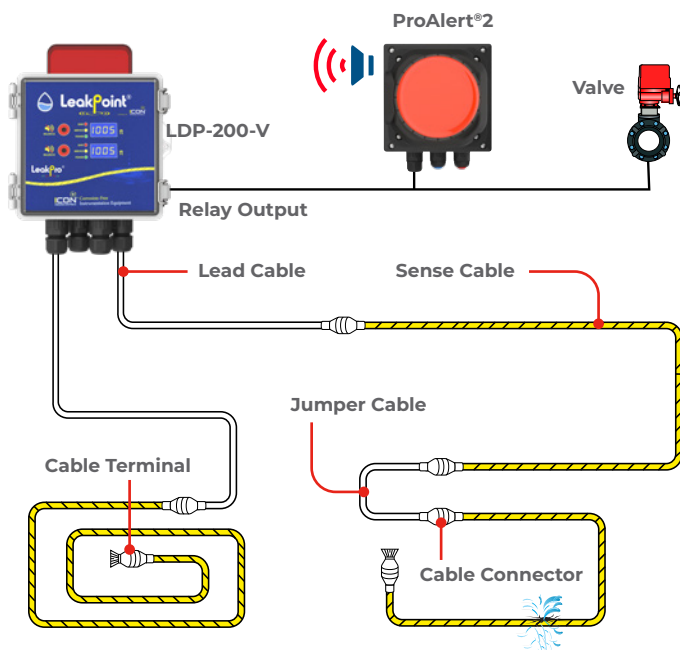
Additional Properties

- ✓ Locates Leaks within ±3ft of Source
- ✓ Monitors up to 4 Separate LeakDtec® Cable Strings
- ✓ Remote Monitoring Capability
- ✓ Rapid Indication of Leak Location
- ✓ Audible Silence Button
- ✓ Quick Connect Cord Grips | No Internal Wiring Required

SimplConnect™
Cable Grip Connectors

Precise leak detection that finds the leak rather than just announcing it.

The LeakPoint® liquid alarm module has been designed to provide our customers with a product that offers accurate detection and identification of the location of where the leak has occurred. The sensitivity adjustment provides fine tuning of the signal coming from the sensor cable.

The LeakPoint® monitor offers dedicated RS485 communication output signals ensuring the sensing cable is always being monitored.
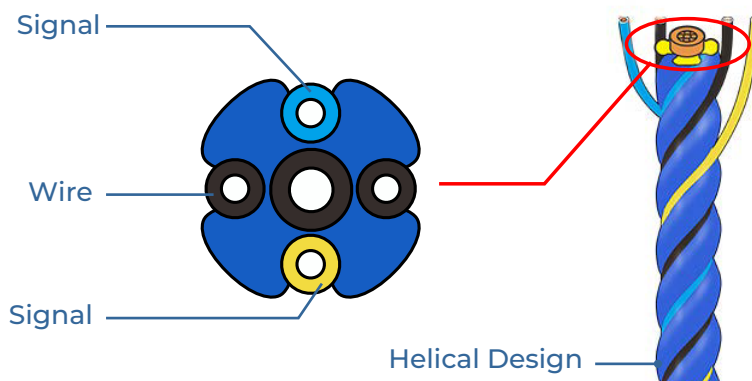
Schematic Layout

ProAlert®2

Valve

LDP-200-V

Relay Output

Lead Cable   Sense Cable

Jumper Cable

Cable Terminal

Cable Connector

Dual Containment Piping

Silence Button

LED Notification   LDP-200-AV

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Cable Accessories

LDP-400-AV

Signal

Wire

Signal

Helical Design

Signal

Jacketed PE

Signal

End Connects to form Double Detection Circuit

Cable
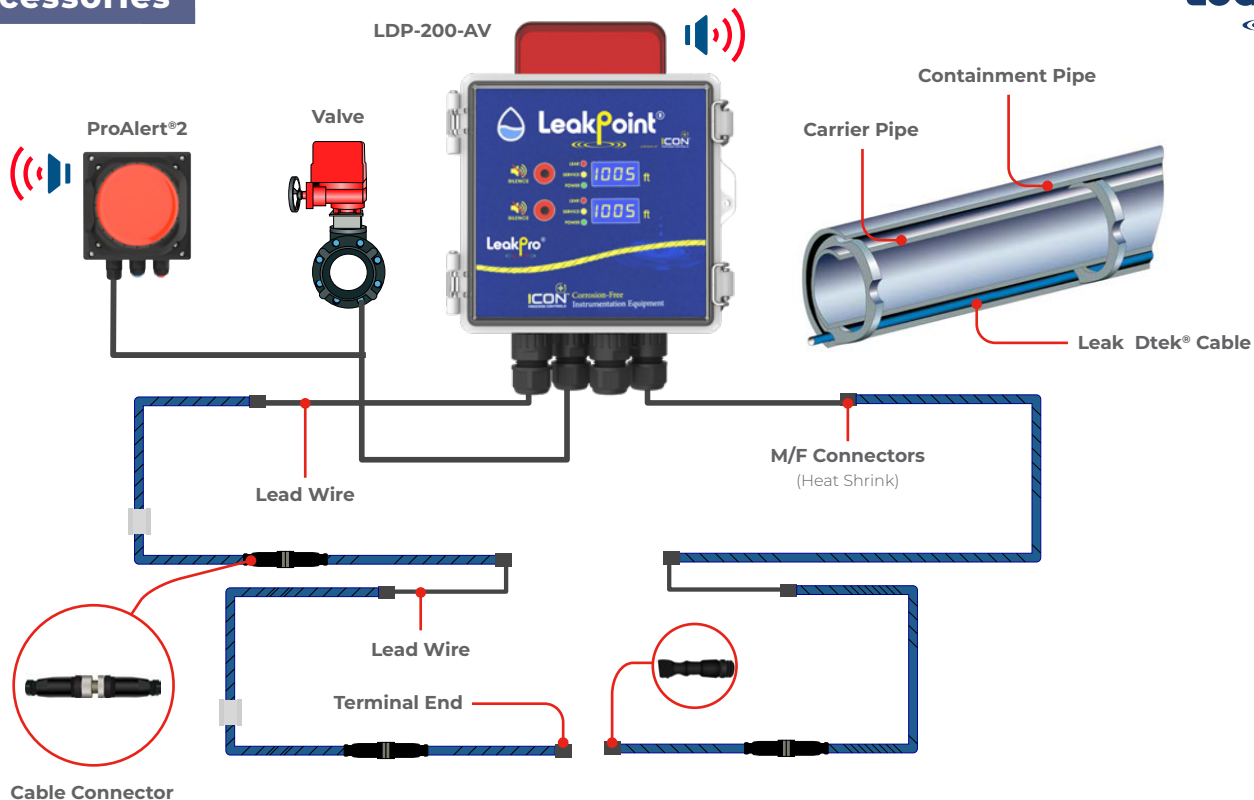
195 Ω

13 Ω

Liquid

Cable Resistance Ω

1m   15m   Cable Length
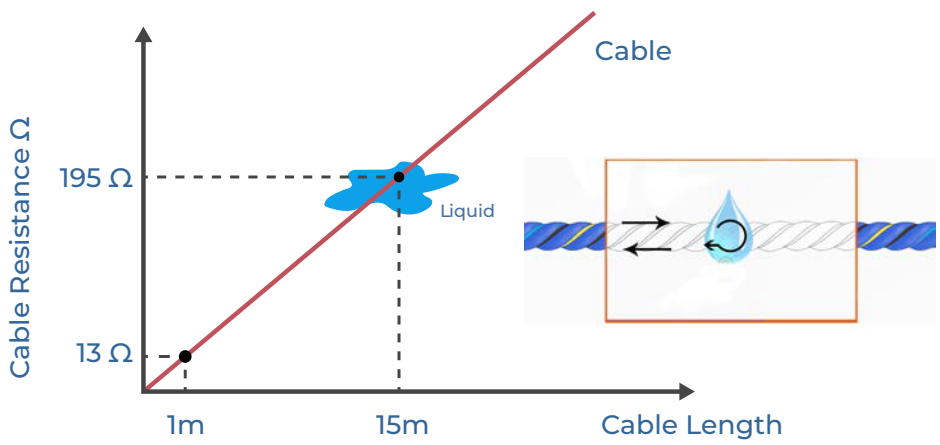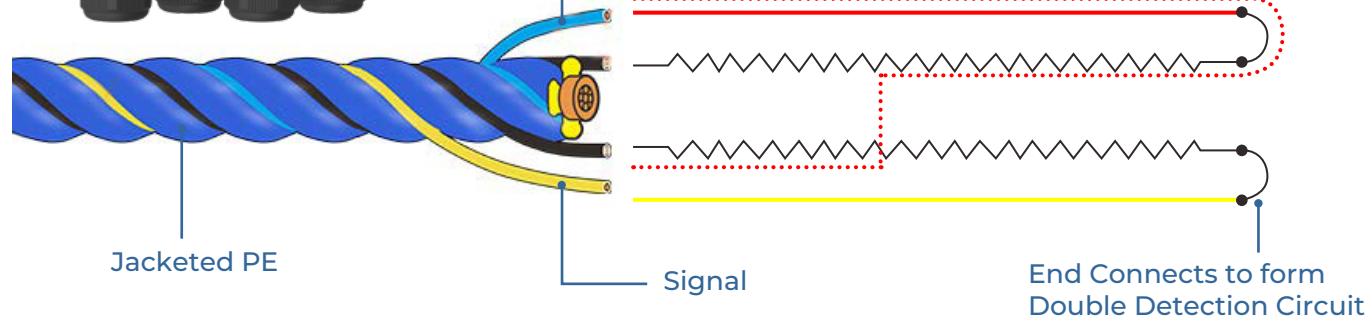
The electrical resistance of the cable is 13 ohms/m. If a leak occurs, the resistance loops back to the controller and the location is identified within ±3 ft.
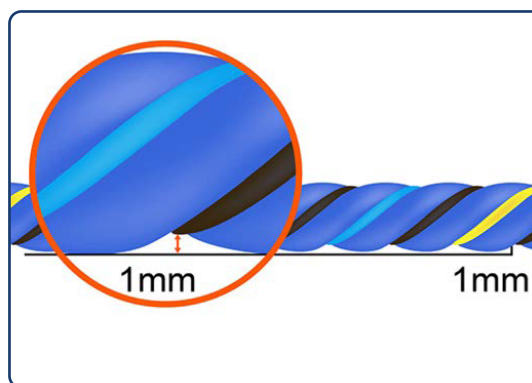
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Cable Accessories

LDP-200-AV

ProAlert®2

Valve

Containment Pipe

Carrier Pipe

Leak Dtek® Cable

M/F Connectors
(Heat Shrink)

Lead Wire

Lead Wire

Terminal End

Cable Connector

Heavy Duty Connections can be supplied as factory fitted or in-field installed without any special tools

Eliminates spurious false alarms due to droplets caused by high humidity or condensation

1mm   1mm

Model Selection

LeakPoint® — Leak Point Detection		
Part Number	Channel	Cable | Up to 7500'
LDP-100-V	Single Channel	1 x Input Cable
LDP-200-V	2 Channel	2 x Input Cables
LDP-300-V	3 Channel	3 x Input Cables
LDP-400-V	4 Channel	4 x Input Cables

Add Suffix: **"V"** for Visual Alarm (std)
"A" for Audible Alarm
"AV" for Audible + Visual Alarm

RoHS Compliant CE