LeakPro® — LeakDtec® Series
Leak Detection Alarm

ICON PROCESS CONTROLS™ Corrosion-Free Instrumentation Equipment

NEMA 4X Enclosure

Quick Connect Cable Grip

LeakDtec® Series

TankPro® Wire Holder

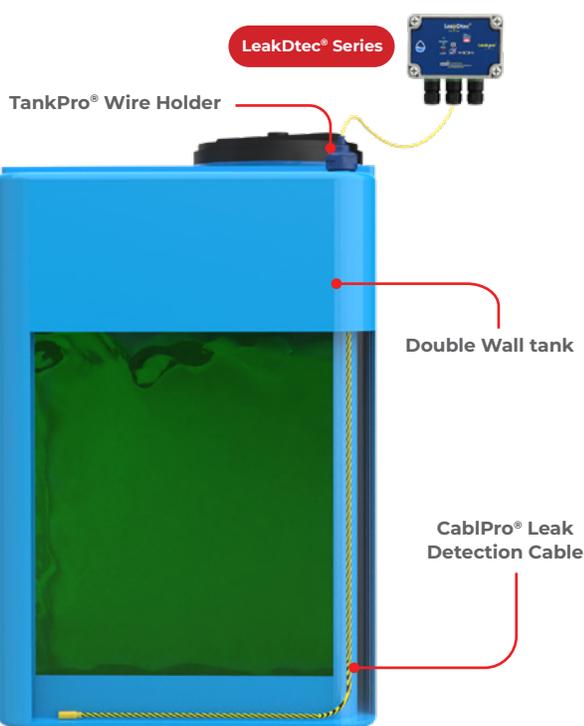Double Wall tank

CablPro® Leak Detection Cable

Features

LeakPro®

- ✓ Real Time Alerts of Leak Detection
- ✓ Modular Sensor Connectivity
- ✓ NEMA 4X Enclosure
- ✓ Cable Grip Connection — No Tools Required
- ✓ Corrosion Resistant Thermoplastic

Advanced Leak Detection Alarm for Comprehensive Protection

The **LeakDtec® Series** is the ideal choice when it comes to leak detection. The system delivers reliable and long lasting results in the industry's toughest and most corrosive applications.

The **LeakDtec® Series** controller provides an automation solution that is scalable in performance and functionality. A further decisive benefit is the incorporation of innovative user friendly cable-grip connections for the sensor inputs and power supply making it truly plug and play.

Specifications

Operating Voltage	24VDC
Operating Temperature	-40 - 158°F | -40 - 70°C
Current Consumption	20mA Max.
Response Time	≤1 Sec.
Operating Humidity	0% - 95% RH
Output	2A Relay
Housing	ABS | Polycarbonate
Protection Class	NEMA 4X | IP67

Model Selection

LeakDtec® — Leak Detection	
Part Number	**Channels**
LD1C	Single
LD4C	Four

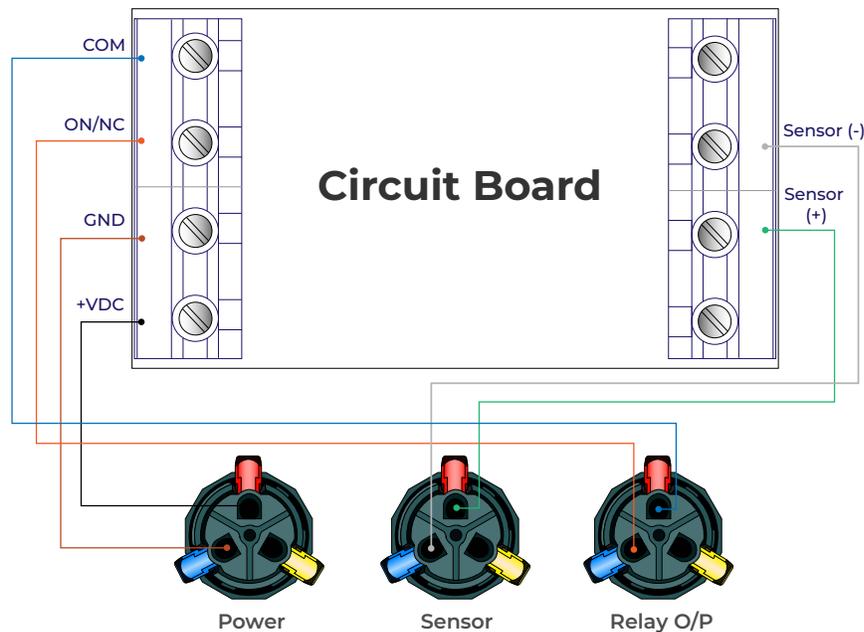| 2-Wire General Purpose Leak Detection Cable	
Part Number	**Material**
LDC-G-X	PE | Cu

4-Wire General Purpose Leak Point Cable	
Part Number	**Material**
LDC-P-X	PE | Cu

4-Wire Chemical Leak Point Cable	
Part Number	**Material**
LDC-PC-X	PE | Cu

X = Length of Cable
01 : 1m Cable
03 : 3m Cable
10 : 10m Cable
30 : 30m Cable

TankPro® Wire Holder **(Opt.)**

CablPro® Leak Detection cable **(Opt.)**

Wiring Diagram

COM
ON/NC
GND
+VDC

Circuit Board

Sensor (-)
Sensor (+)

Power   Sensor   Relay O/P

Cable Grip Connection

1

Turn Cable Grip Nut Counter-Clockwise

2

Remove Nut and Cable Grip

3

Wire Clamp Open

Insert Wire in Cable Grip Nut

4

Power
Red Terminals **:** **+**24VDC wire
Blue Terminals **:** **-**VDC wire

Sensor
Red Terminals **:** **Red** wire (+)
Blue Terminals **:** **Black** wire (–)

Relay Output
Red Terminals **:** **Red** wire (+)
Blue Terminals **:** **Black** wire (–)

5

Insert Cable in Terminals
Wire Clamp Close

6

Turn Cable Grip Nut Clockwise