

ProAlert®

The Next Big Thing in Liquid Monitoring

Features

- ✓ High Intensity Red Alarm Light
- ✓ Pulse to Relay Output
- ✓ Super Loud 108dB Audible Alarm
- ✓ Silence Function | Light Remains On
- ✓ Rugged NEMA 4X Industrial Enclosure
- ✓ External Wall Mounting Brackets
- ✓ High Impact Plastic Polycarbonate Shell
- ✓ Includes 6' Power Cord + Watertight Cord
- ✓ Completely Pre-Wired
- ✓ Extra Output Contact to Remote Alarm or PLC

All Plastic
NEMA 4X
Enclosure

Built in
Visual Alarm



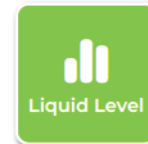
108dB
Audible Alarm

Latching Audio Alarm
Silence Switch

Alarm Test



Flow



Liquid Level



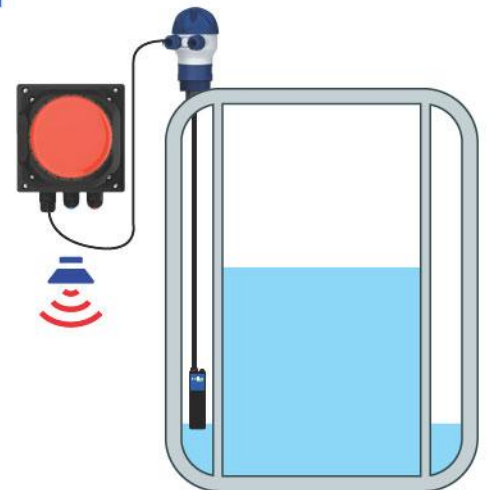
Analytical



Pressure



Leak
Detection



3 Easy Mounting Options



Wall Mount



Panel Mount



Pole/Pipe Mount

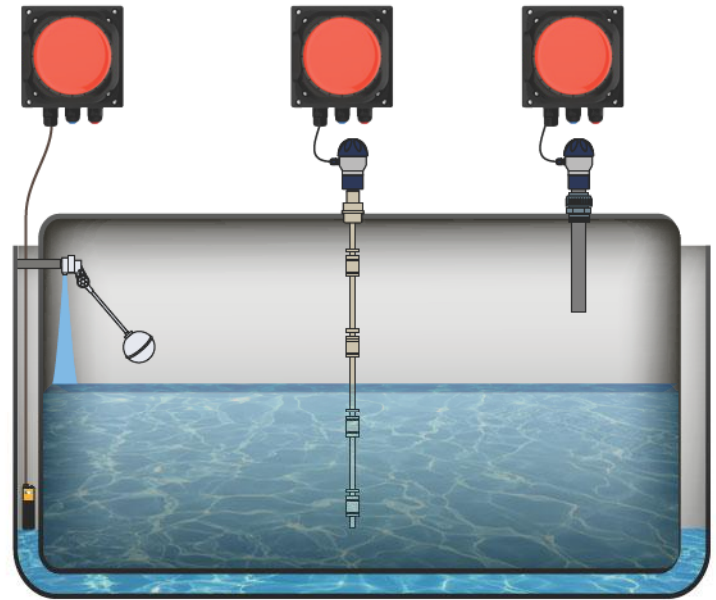


Typical Applications

- ✓ High High | Low Level Indication for Tanks | Sumps
- ✓ Bag | Filter Change Out
- ✓ Leak Detection
- ✓ Flow | No Flow Sensors | Pump Protection
- ✓ Upset Condition Notification

Specifications

- ✓ Dimensions | 7" X 5" X 4.5"
- ✓ Enclosure | NEMA 4X
- ✓ Weight | 2.1 lbs.
- ✓ 120VAC | 60Hz | 1 Amp
- ✓ Input Power | 100 - 240VAC



NOTE: The ProAlert® PA223 can be used in more than just leak detection applications. It is an excellent high/low level alarm or any other upset condition.

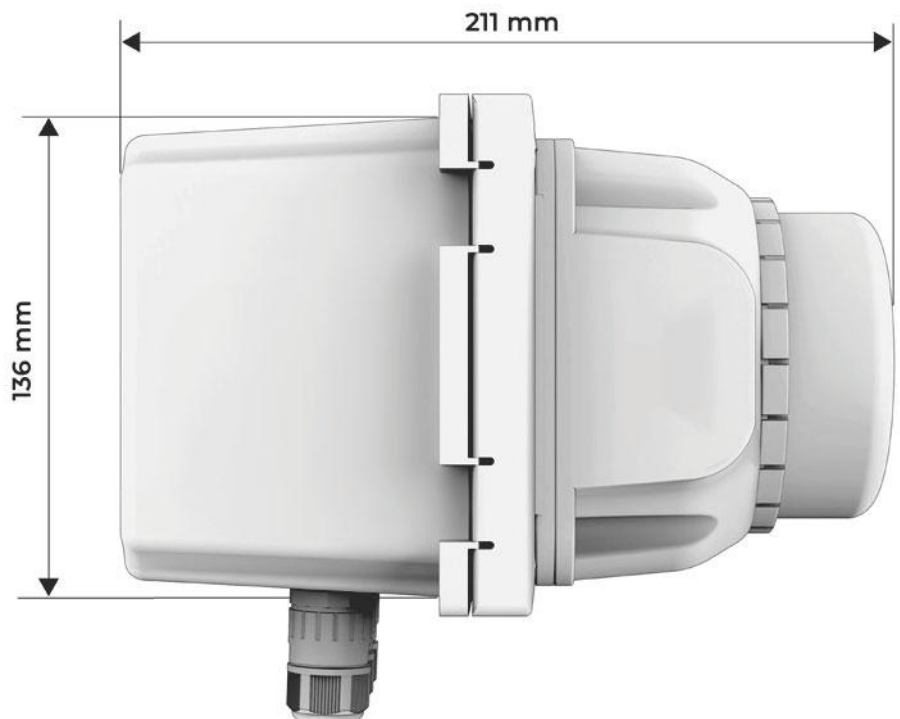
Model Selection

ProAlert® PA223

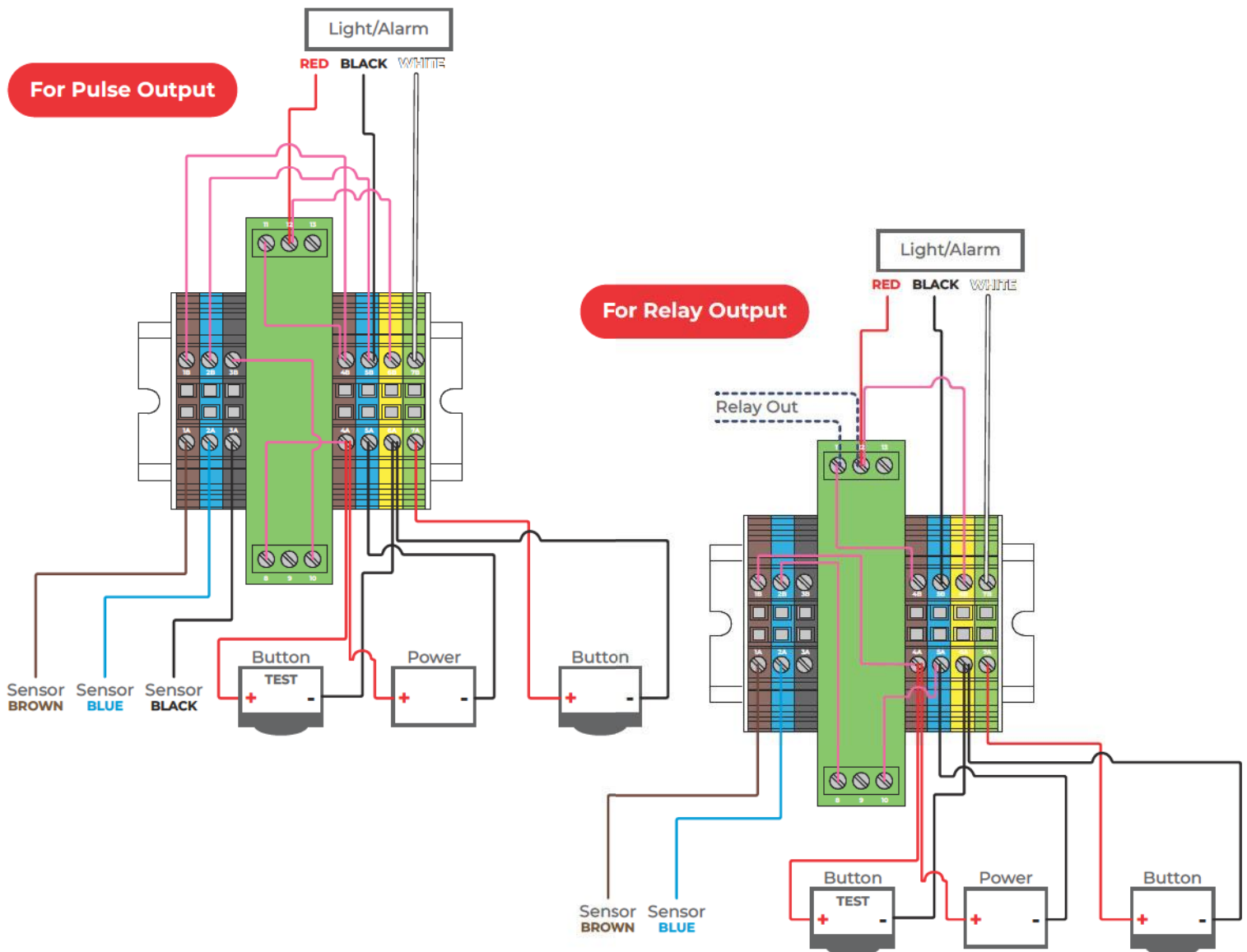
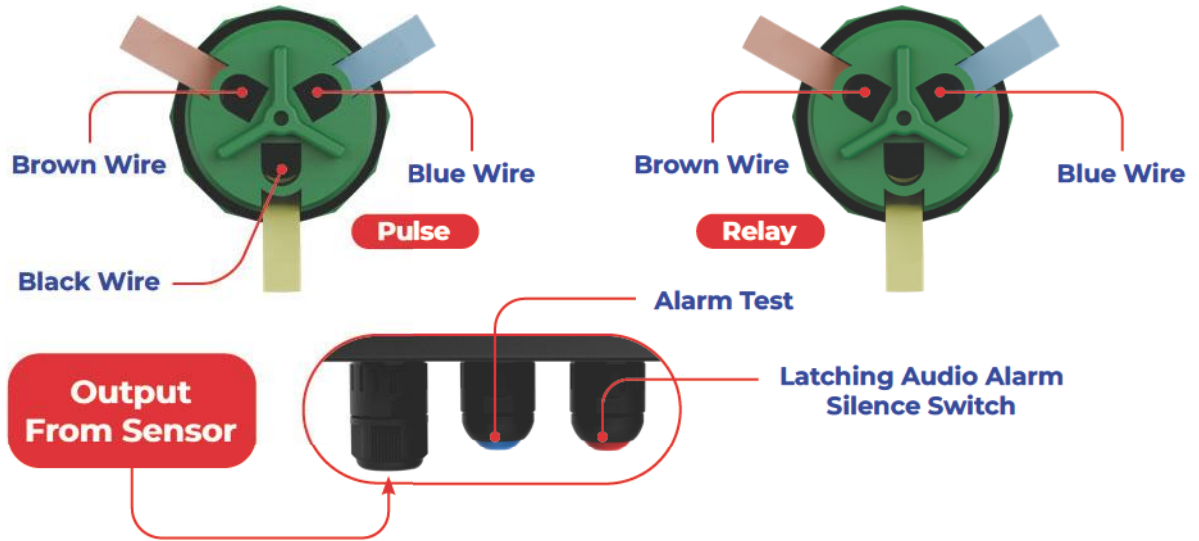
- 24VDC - Dry Contact Input

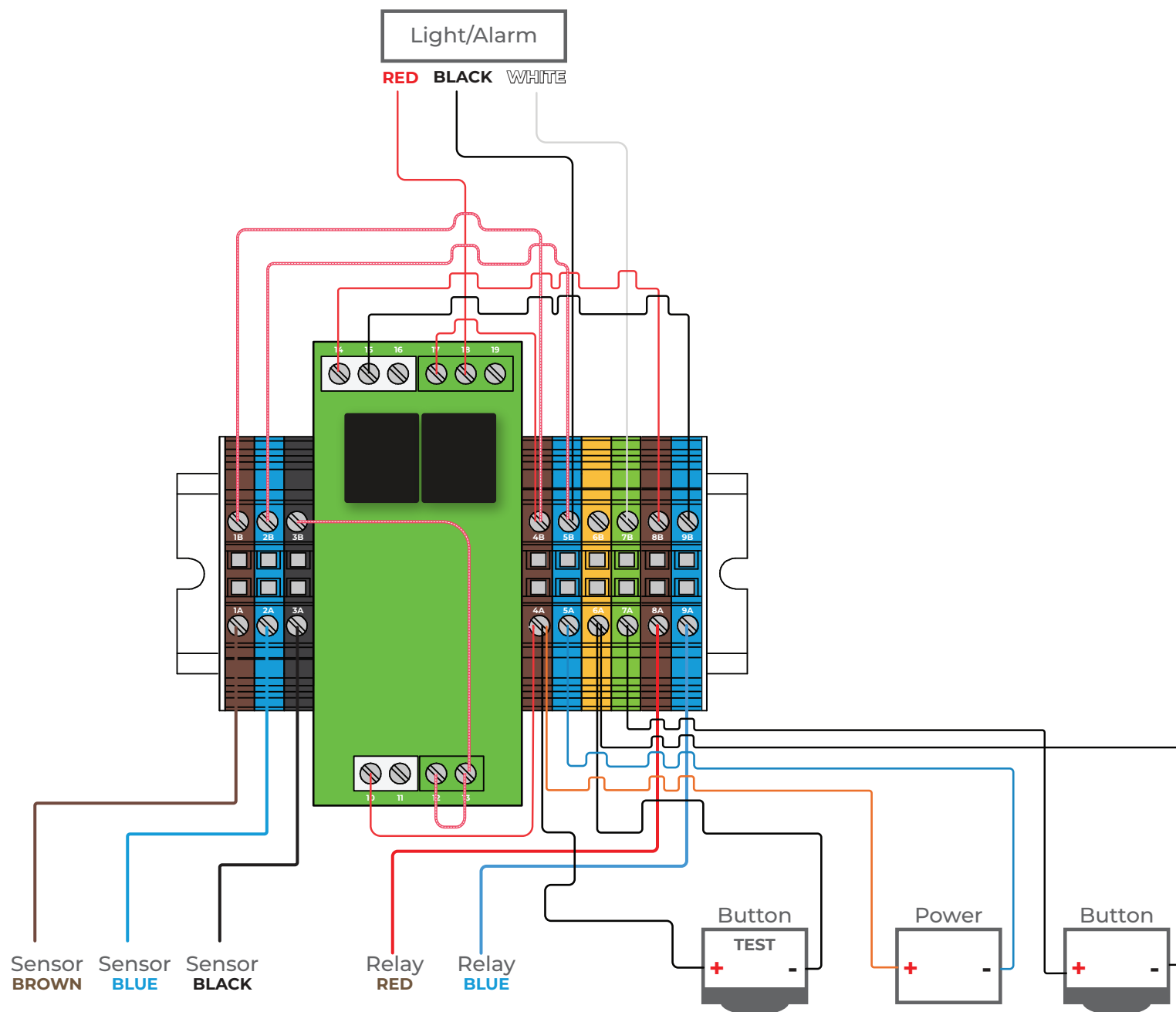
ProAlert® PA223-PR

- PNP | NPN Pulse
- Input - 5AMP Relay Timer Signal Output

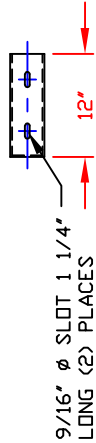
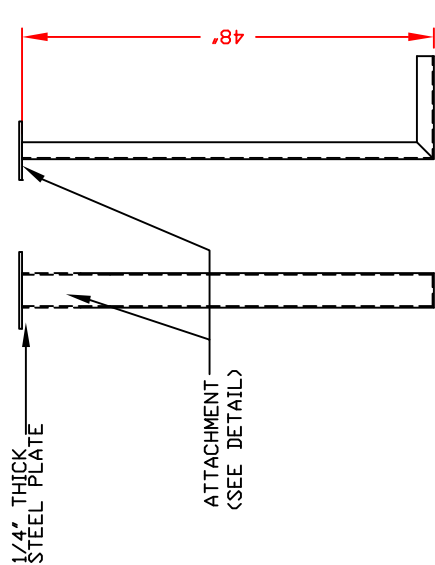


Wiring Diagram

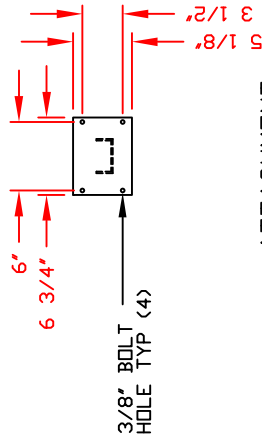
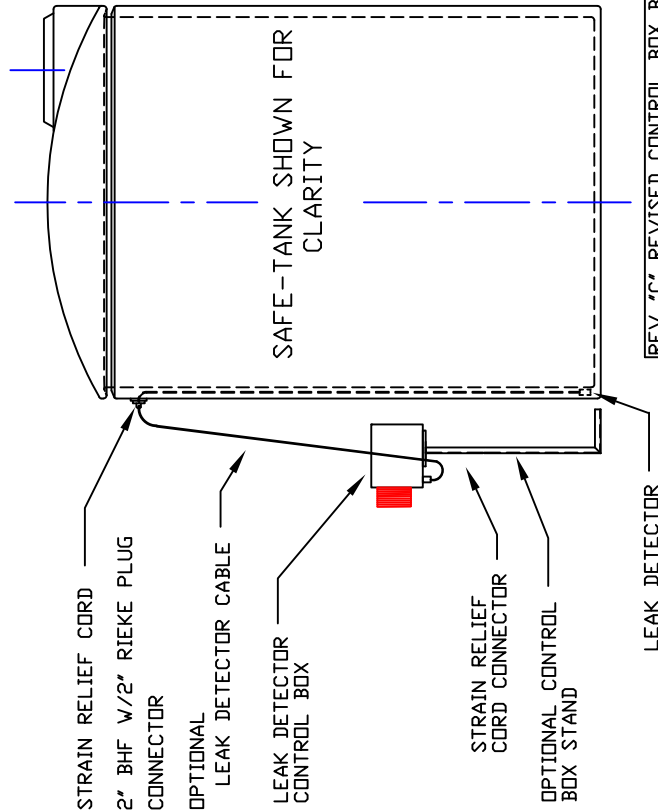




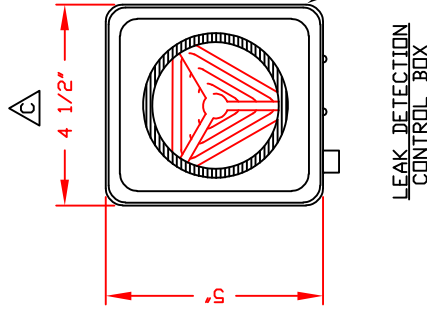
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OPTIONAL CONTROL BOX STAND



ATTACHMENT
DETAIL



NOTES

1. THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE BY HAND.

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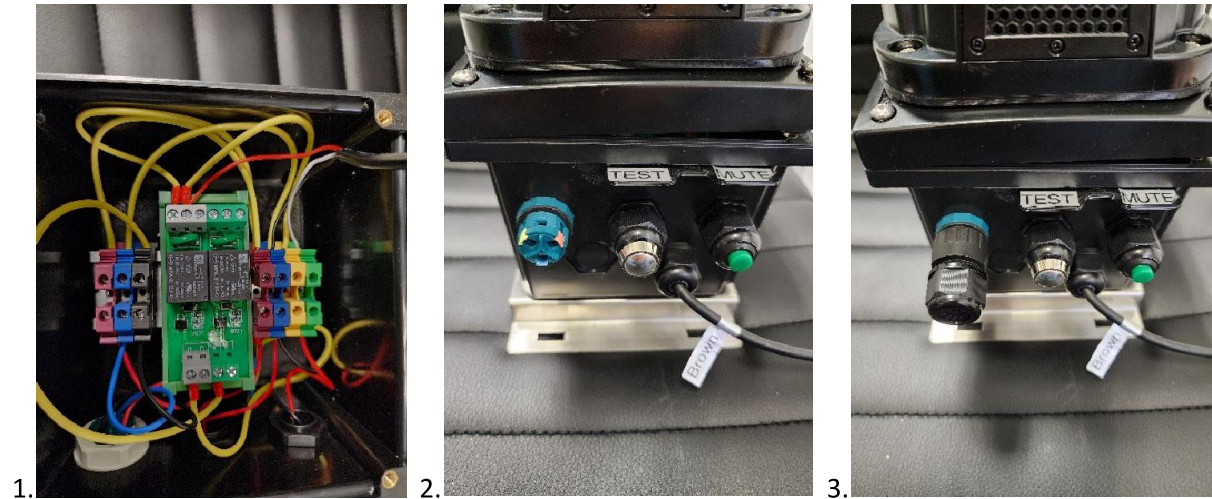
DWG TITLE		SHEET		REV	
POLY LEVEL ELECTRONIC LEAK DETECTION DEVICE		1	OF 1	PLLEAKDETNEW	C
SCALE	NONE	DR	BHARPER	Central Region Poly Processing Company 2000 W. 1st Street Chattanooga, TN 37405 Phone: 423-242-7995 Fax: 423-242-7995	
DATE	9/7/18	CK	BHARPER	COMPUTER FILE	

REV "C" REVISED CONTROL BOX BY:BT 09/07/24 CK:JBH
REV "B" REVISED DIMENSIONS BY:JB 4/27/10 CK:CD
REV "A" REMOVED ELECTRIC SCHEMATIC DIAGRAM BY:MBW 4/26/01 CK:JB

Poly Processing Leak Detection System

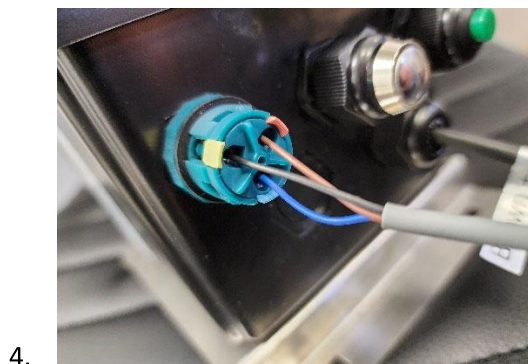
Wiring with Quick Connect on Pro-Alert PA223

Inside the Pro-Alert P223 box the P2R Relay has been prewired to a quick connect which the LDS-YN- Leak Sensor will connect to.



From the LDS-YN Sensor there is a Blue, Black, and Brown wire and they should attach as follows:

1. Blue sensor wire will connect to the Blue quick connect terminal.
2. Black sensor wire will connect to the Yellow quick connect terminal.
3. Brown sensor wire will connect to the Orange quick connect terminal.



Troubleshooting:

If the sensor is not working properly follow the following steps:

1. If sensor is in constant state of alarm
 - a. Place sensor 4" above a cup of water and turn the potentiometer until the system quits alarming. This will calibrate the sensor to detect a liquid 4" from contact.
2. This unit does not provide a 120v output to run to a PLC/Skada system. It only provides a 12-14v output.