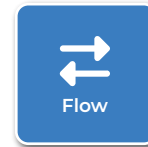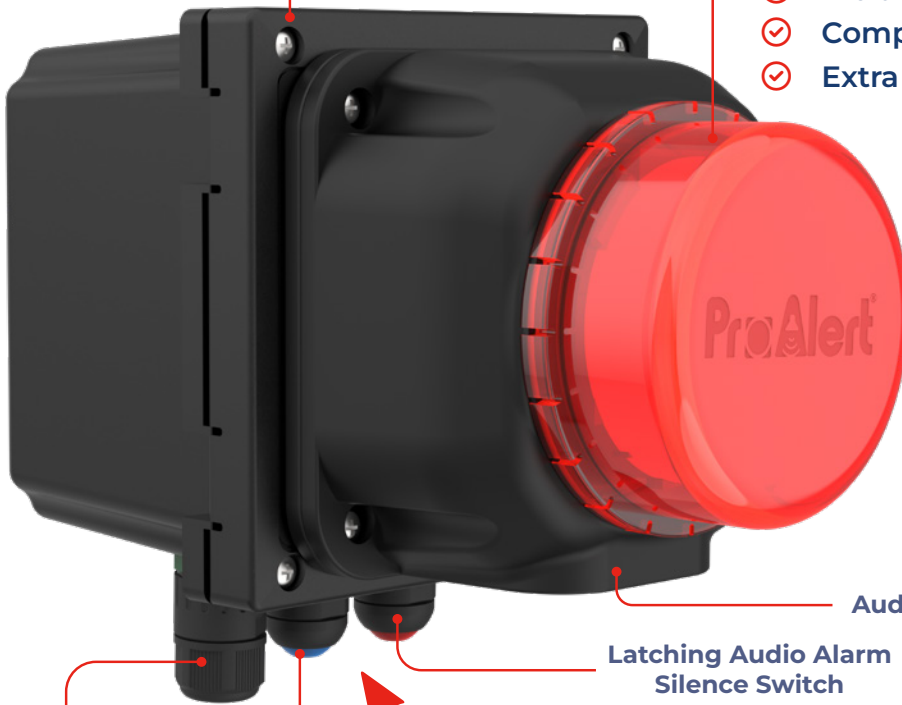# ProAlert®

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
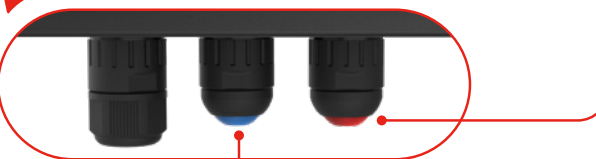- ✓ Extra Output Contact to Remote Alarm or PLC

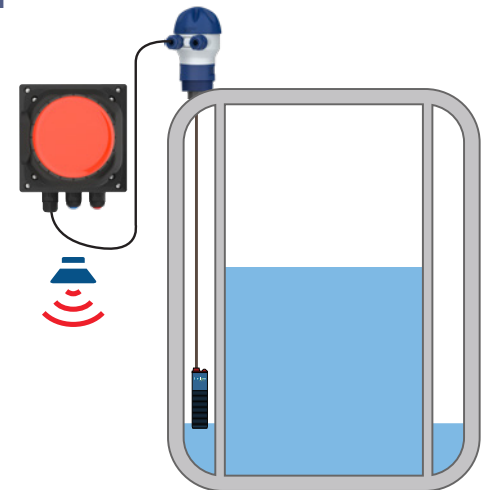All Plastic NEMA 4X Enclosure

Built in Visual Alarm

108dB Audible Alarm

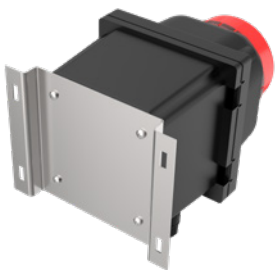Latching Audio Alarm Silence Switch

SimplConnect™ Cable Grip Connectors

Alarm Test

| Flow | Liquid Level | Analytical |
| Pressure | Leak Detection |

3 Easy Mounting Options

Wall Mount

Panel Mount

Pole/Pipe Mount

ABS   PC   RoHS Compliant   CE

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.
- ⊘ **24VDC**
- ⊘ **100 - 240VAC** *(with DC adapter)*

NOTE: The ProAlert® 2 can be used in more than just leak detection applications. It is an excellent high/low level alarm or any other upset condition.
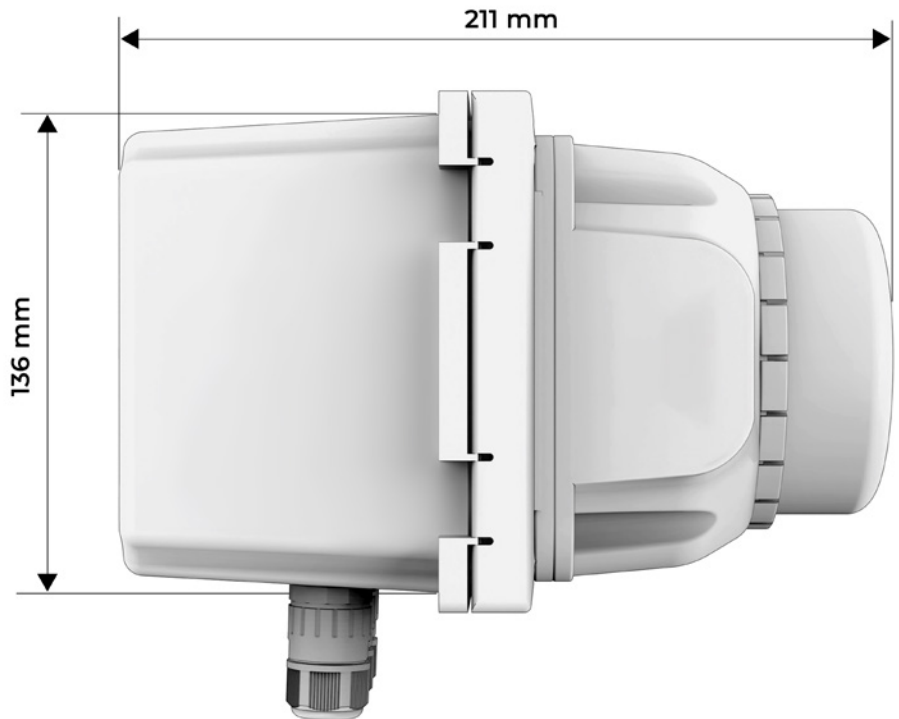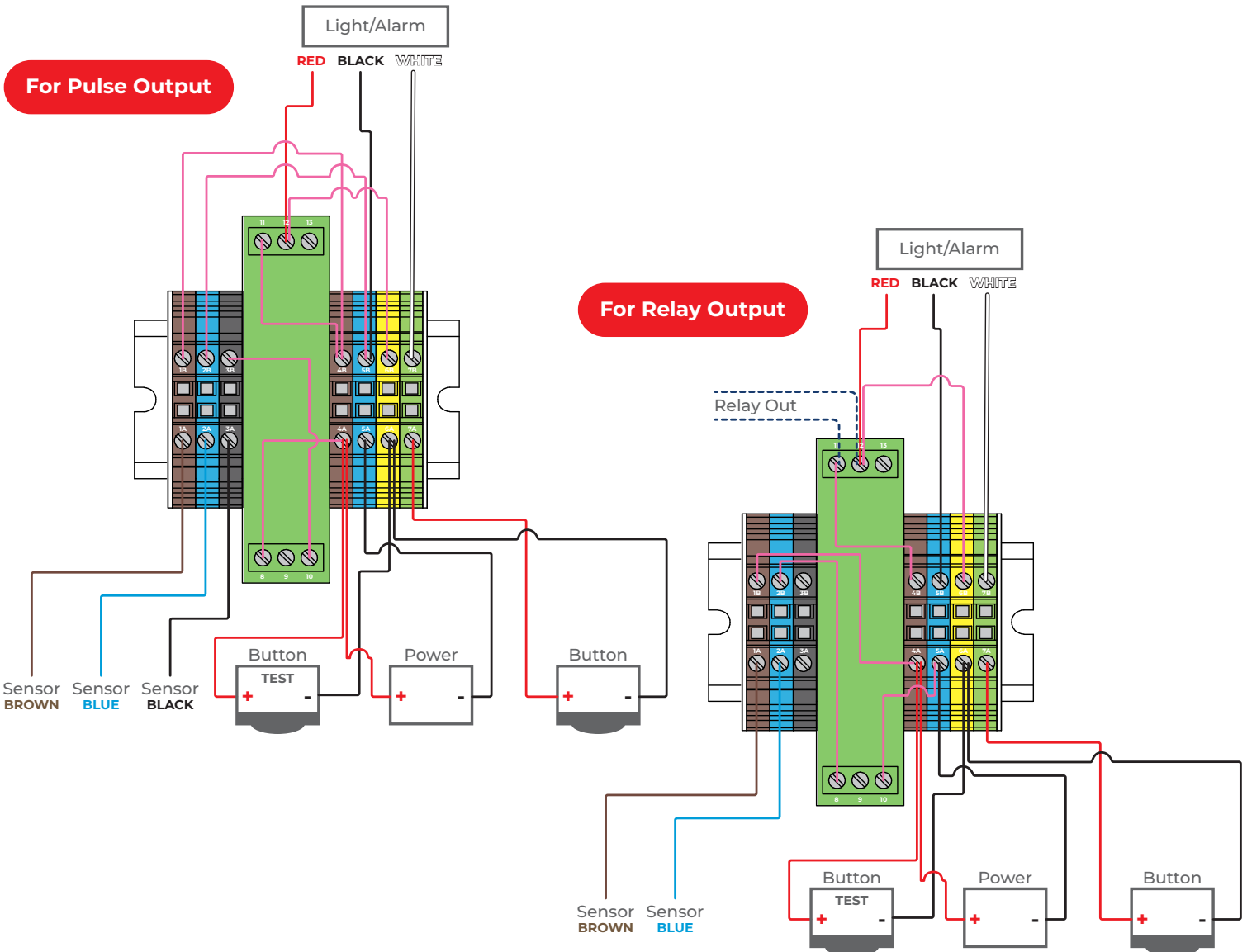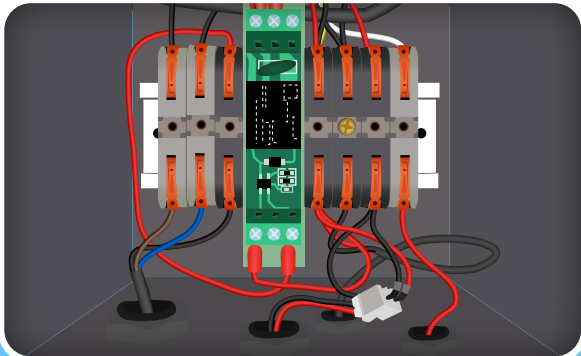
Model Selection

ProAlert® PA223
- PNP | NPN | Dry Contact Input
- 10AMP AC | 10AMP DC Relay Output

211 mm

136 mm

Wiring Diagram

SimplConnect™
Cable Grip Connectors

Brown Wire

Blue Wire

Pulse

Black Wire

Brown Wire

Blue Wire

Relay

Alarm Test

Output From Sensor

Latching Audio Alarm Silence Switch

Light/Alarm

RED BLACK WHITE

For Pulse Output

11 12 13

1B 2B 3B   4B 5B 6B 7B

1A 2A 3A   4A 5A 6A 7A

8 9 10

Sensor **BROWN**   Sensor **BLUE**   Sensor **BLACK**

Button **TEST** + -

Power + -

Button + -

Light/Alarm

RED BLACK WHITE

For Relay Output

Relay Out

11 12 13

1B 2B 3B   4B 5B 6B 7B

1A 2A 3A   4A 5A 6A 7A

8 9 10

Sensor **BROWN**   Sensor **BLUE**

Button **TEST** + -
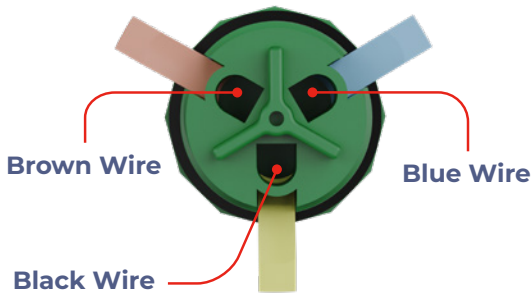
Power + -

Button + -

Setup for LDS-YN Leak Detection

PRE-WIRED
NO INTERNAL WIRING NECESSARY

Inside the Pro-Alert® 2 box, the P2R relay has been prewired to a quick connect which the **LDS-YN Leak Sensor** will connect to.

Brown Wire

Blue Wire

Black Wire

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

- **Blue sensor wire will connect to the Blue quick connect terminal.**
- **Black sensor wire will connect to the Yellow quick connect terminal.**
- **Brown sensor wire will connect to the Orange quick connect terminal.**
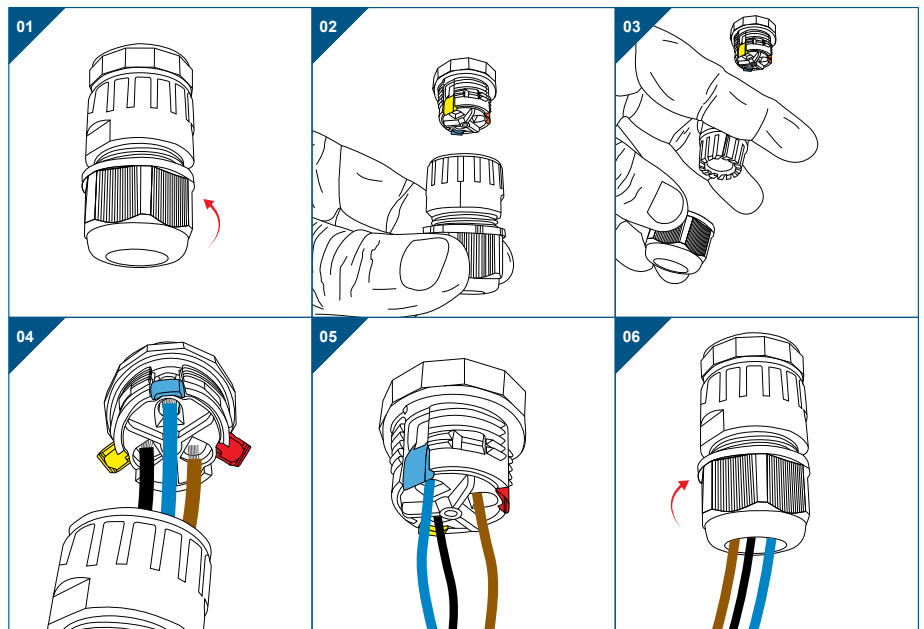
Troubleshooting:

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

1. If sensor is in constant state of alarm — 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.

Latching Audio Alarm Silence Switch

Alarm Test

Power