

LevelPro® — ProAlert® 2

Industrial Visual | Audible Sentry Alarm

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™



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ProAlert®

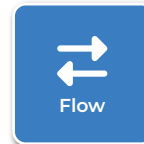
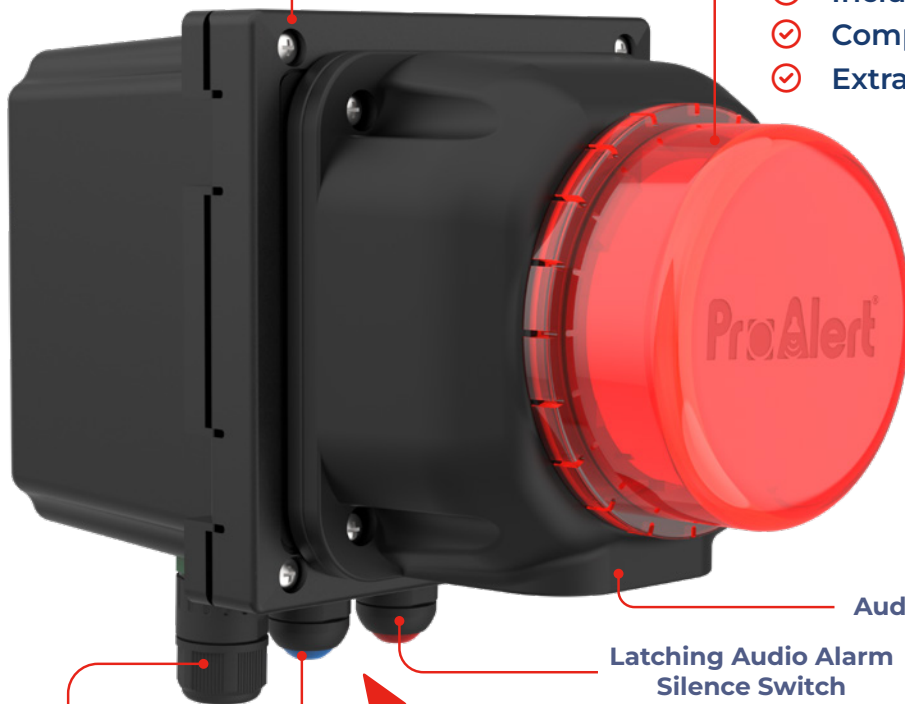
The Next Big Thing in Liquid Monitoring

All Plastic
NEMA 4X
Enclosure

Built in
Visual Alarm

Features

- ✓ High Intensity Red Alarm Light (Optional Blue Lens)
- ✓ 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



Flow



Liquid Level



Analytical



Pressure



Leak
Detection

108dB
Audible Alarm

Latching Audio Alarm
Silence Switch

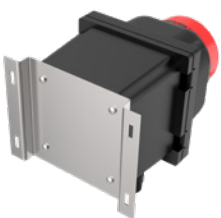


Alarm Test



Optional Blue Lens
for Enhanced Visibility

3 Easy Mounting Options



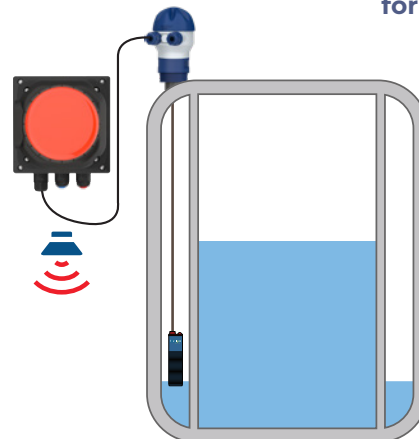
Wall Mount



Panel Mount



Pole/Pipe Mount



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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)

Model Selection

ProAlert® PA223

- PNP | NPN | Dry Contact Input
- Audible | Visual Alarm

ProAlert® PA223-PR (PA223-PR-2 for 2 relays)

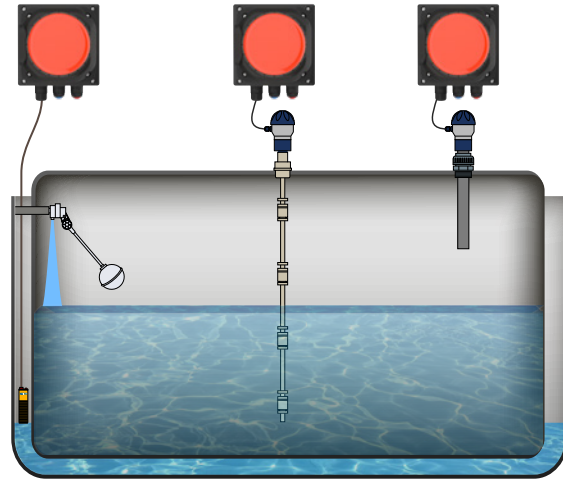
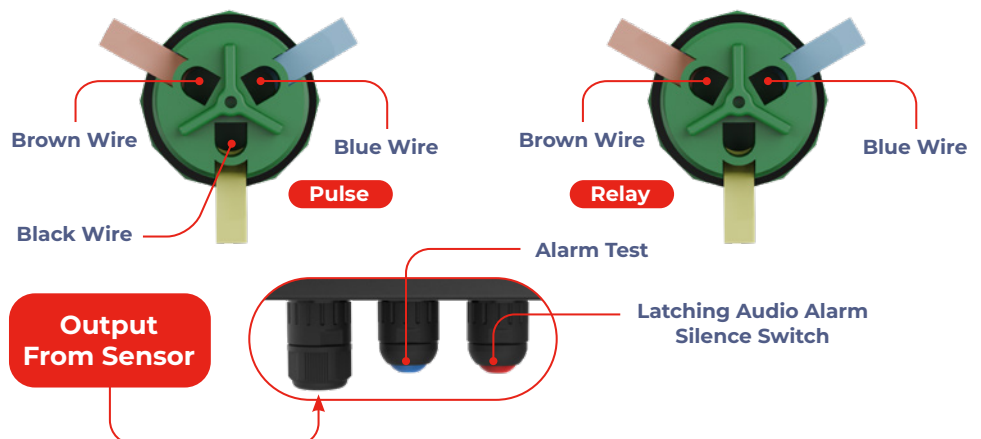
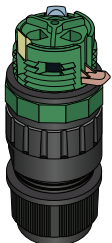
- PNP | NPN
- 10AMP AC | 10AMP DC Relay Output
- Audible | Visual Alarm

ProAlert® PA223-LD

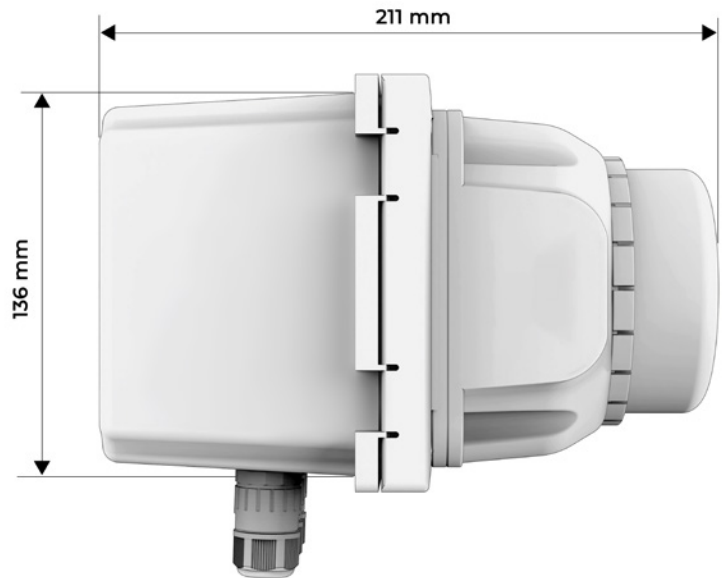
- PNP | NPN | Dry Contact Input
- Audible | Visual Alarm
- Leak Detection Module for Leak Detection Cable

Add suffix "-B" for blue lens

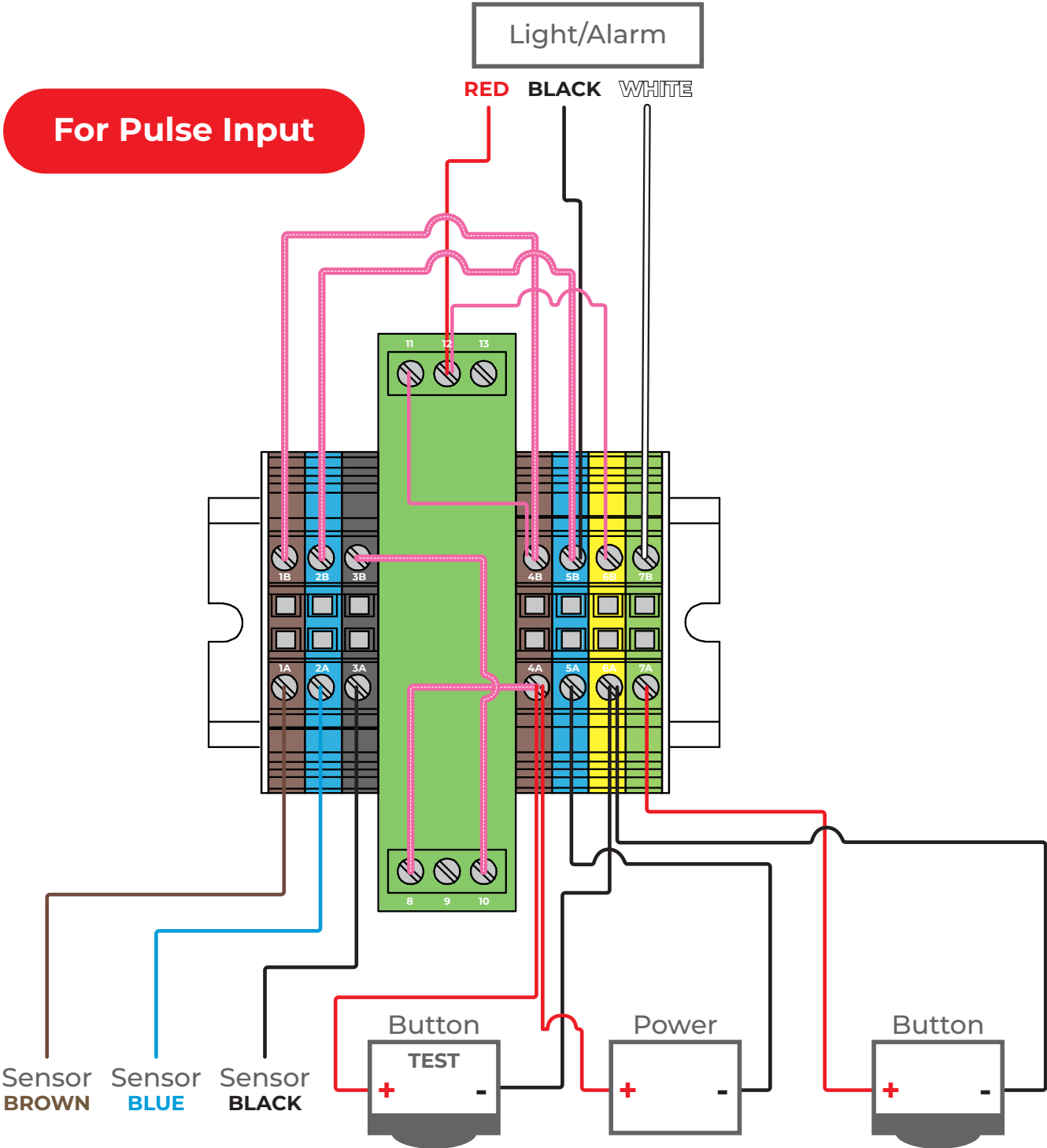
Wiring Diagram



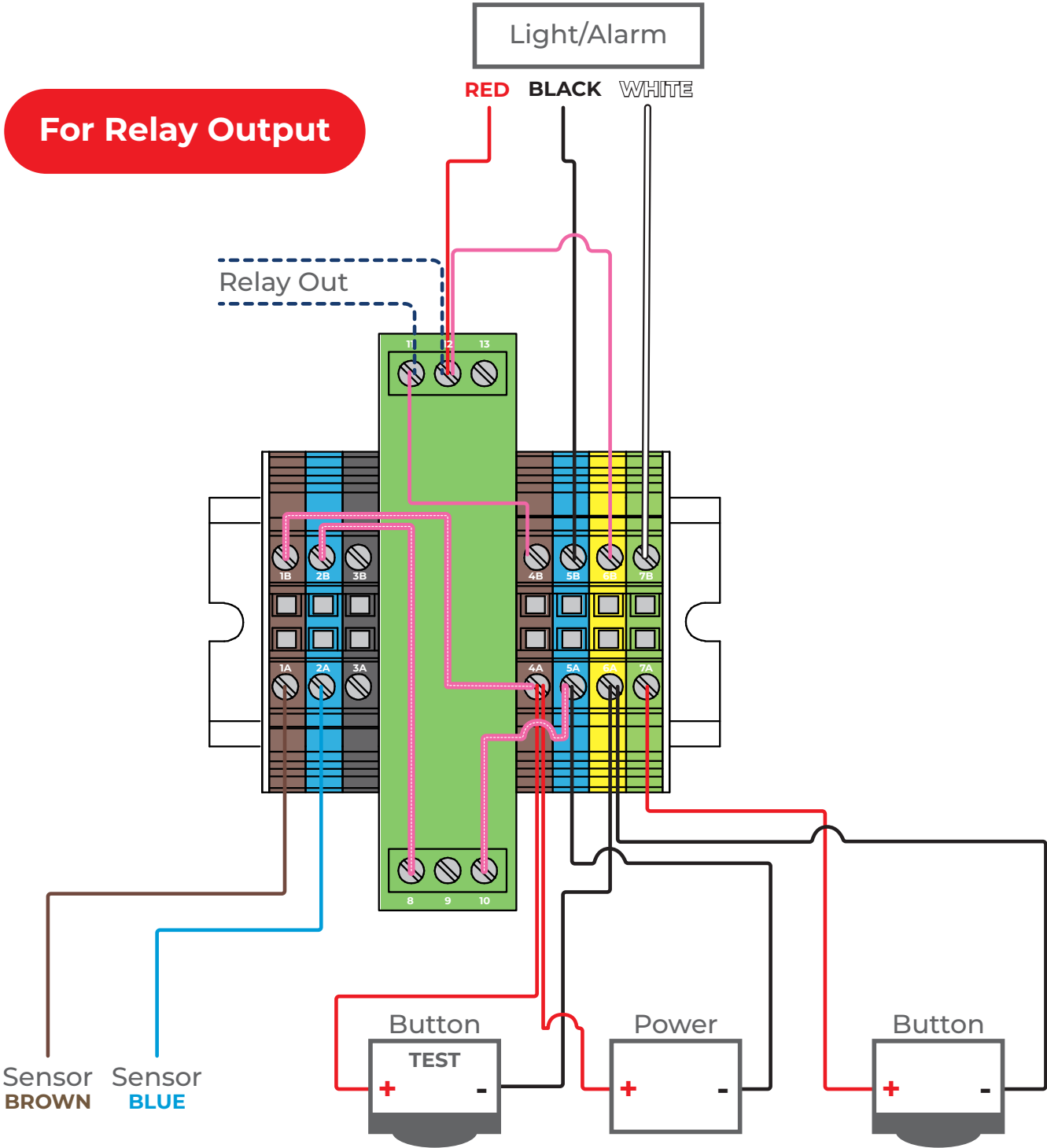
NOTE: The ProAlert® 2 can be used in more than just leak detection applications. It is an excellent high/low level alarm or any other upset condition.



Wiring Diagram

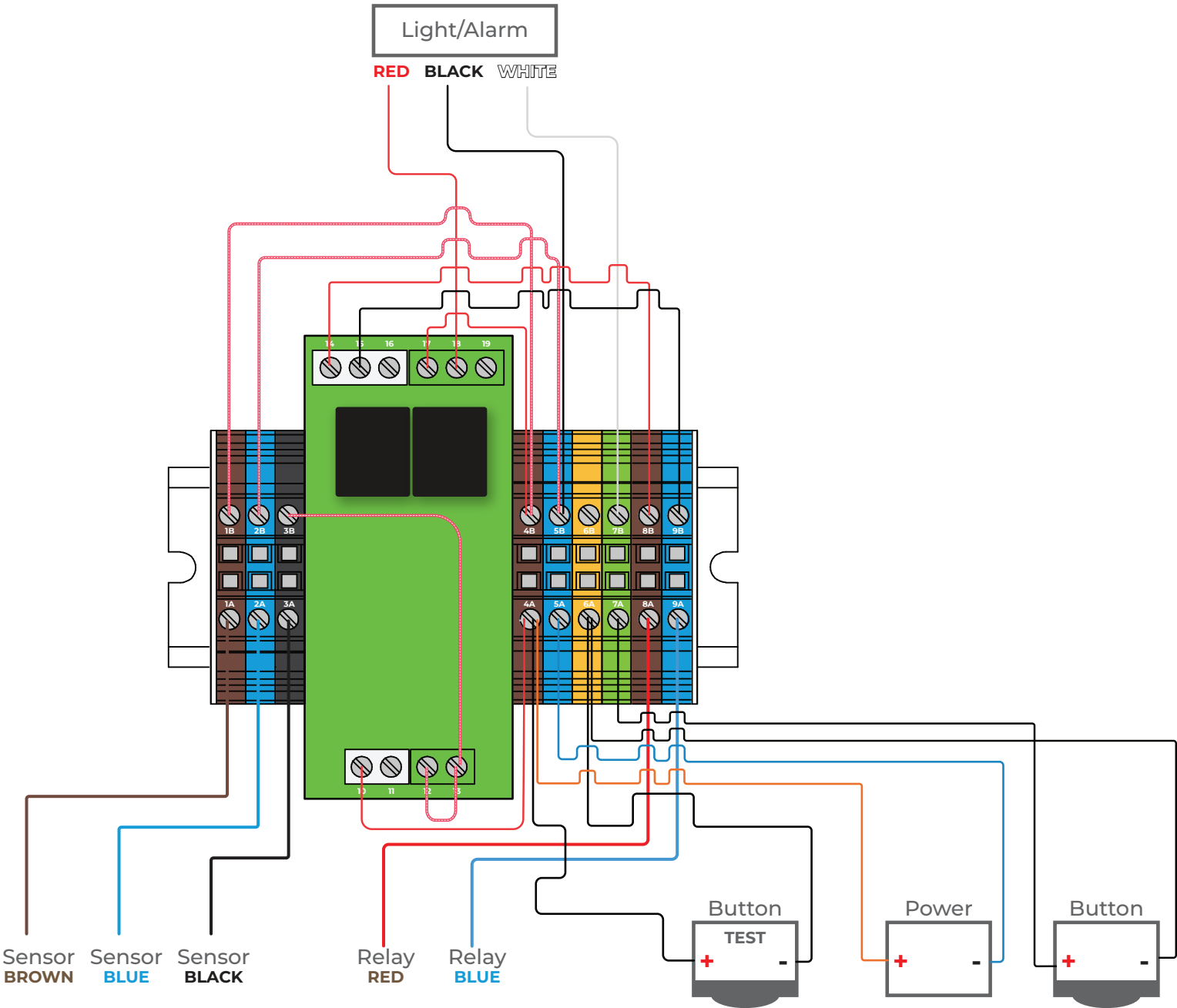


Wiring Diagram

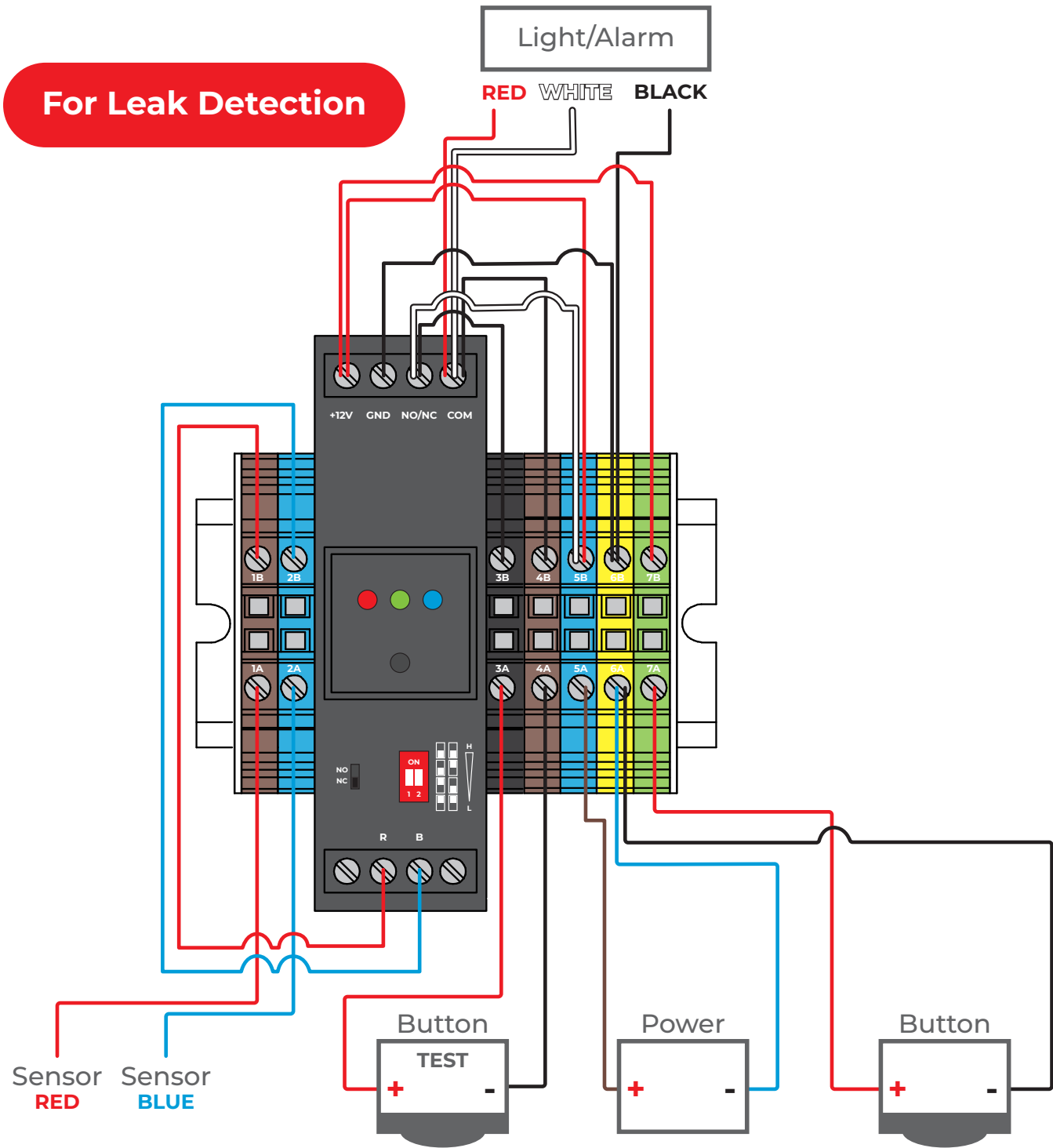


Wiring Diagram

For Pulse Input – Relay Output

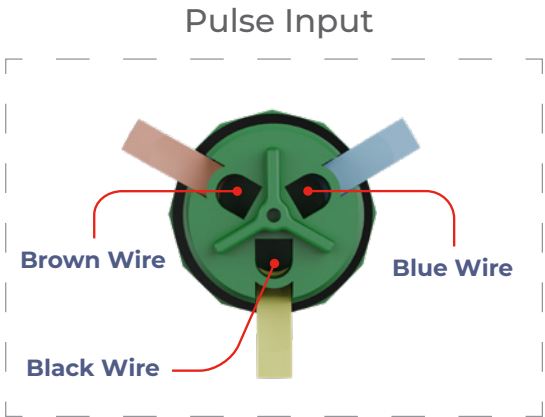


Wiring Diagram



Wiring Diagram

For Pulse Input — Relay Output
(Optional)

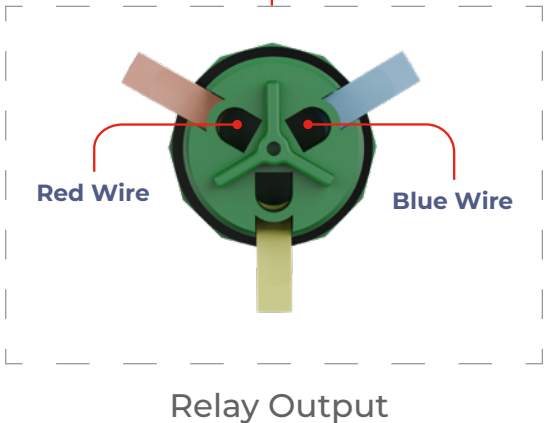


TEST Button

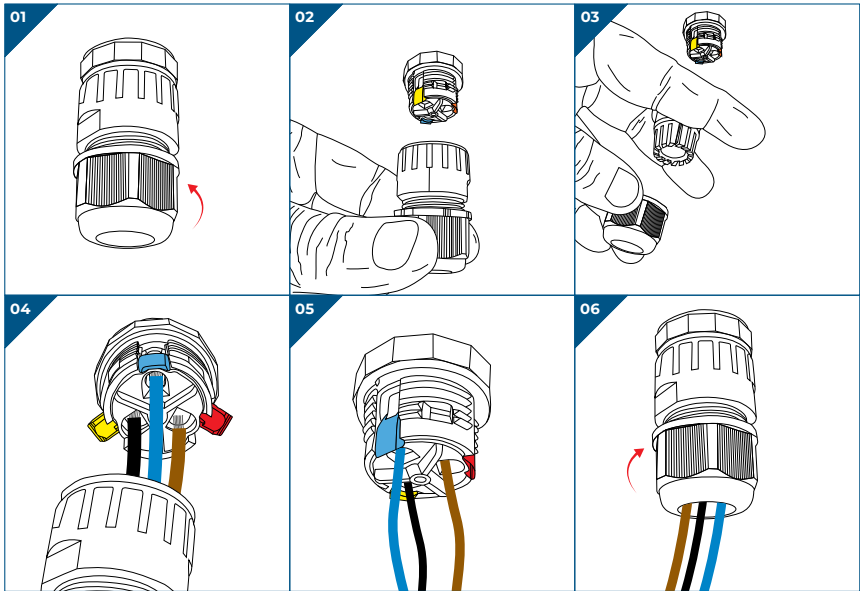
MUTE Button

⚠ 24 VDC

POWER (Pre-Wired)



Quick Connect Wiring

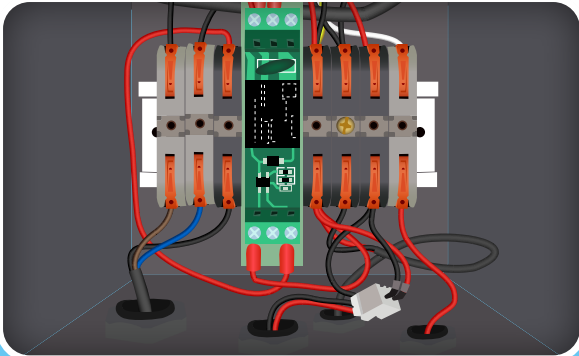


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Setup for LDS-YN Leak Detection



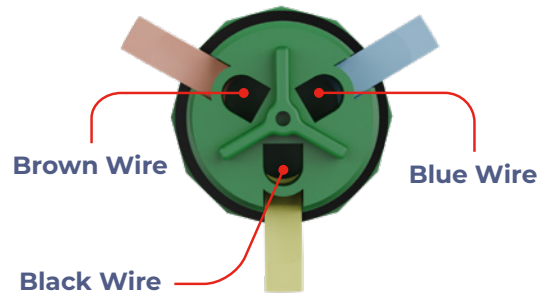
PRE-WIRED
NO INTERNAL WIRING NECESSARY

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.



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.

