FLOW CHART

SPECIFICATION

**Accuracy:**
0.05% Hg

**Resolution:**
10: 1 µF process

**Linearization Points:**
10 points

**Temperature Stability:**
50 ppm/°C process

**Display:**
4-digit, 9-segment LED, 10.2 mm (0.40") with red, green and amber programmable colors

**Input Types:**
Analog Voltage and Current

**Input Impedance:**
Weight:
127 g (0.28 lb)

**Voltage:**
12 - 36 Vdc

**Current:**
0 to 20 mA (5 Ω load)

**Input Types:**
90 - 240 Vac ±10%, 50 - 400 Hz*

**Power Consumption:**
1.25 W

**Approvals:**
UL, C-UL, and CE per EN61010-1:2001

**Output 2†:**
- Relay 250 Vac @ 3 A Resistive Load
- SSR, Pulse

**Alarm setup:**
200

**Alarm 2 setup:**
- Female hi/low
- Alarm 2 “H” = 200
- “N.CLR” = Green, “1.CLR” = Amber, “2.CLR” = Red

**Color Display setup:**
- “ALR.H” = 200
- Alarm 1 “H” = 400

**Alarm 1 setup:**
- Male hi/low
- Alarm 1 “H” = 400

**Alarm 2 setup:**
- Female hi/low
- Alarm 2 “H” = 200
- “N.CLR” = Green, “1.CLR” = Amber, “2.CLR” = Red

**Input Voltage:**
110 - 375 Vdc

**Power Consumption:**
4 W

**Dimensions:**
254/10 x 69.8 x 130.3 mm

**Temperature Range:**
0°C to 50°C

**Humidity:**
85% Relative Humidity, non-condensing

**Warranty:**
One (1) year

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Connect the main power connections in the figure shown below.

Disassembly Instruction:
If necessary, the unit may be removed from the panel and opened.

Warning: Disconnect all ac power from the unit before proceeding.

1. Make sure the AC power is disconnected.
2. Remove all wiring connections from the rear of the meter. To remove power and input connectors bend the side panel detents on the case outward to release the connectors, then pull connectors from the meter.
3. To remove meter from the case, squeeze left and right sides of the bezel to release, then pull from case.

WIRING
Wire the instrument according to the figure shown below.

Warning: Do not connect ac power to your device until you have completed all input and output connections. This device must only be installed by a specially trained electrician with corresponding qualifications. Failure to follow all instructions and warnings may result in injury!

Configuration Menu

CONF Menu

• To enter the menu, the user must first press INPUT button.
• Use this button to advance/navigate to the next menu item. The user can navigate through all the top level menus by pressing INPUT.
• While a parameter is being modified, press INPUT to escape without saving the parameter.

Press the up button to scroll through flashing selections. When a numerical value is displayed press this key to increase value of a parameter that is currently being modified. Holding the up button down for approximately 3 seconds will speed up the rate at which the setpoint value is incremented.

In the Run Mode pressing INPUT causes the display to flash the PEAK or GROSS value – press again to return to the Run Mode.

Press the down button to go back to a previous Top Level Menu item.
Press this button twice to reset the controller to the Run Mode.

When a numerical value is flashing (except setpoint value) press to scroll digits from left to right allowing the user to select the desired digit to modify.

When a setpoint value is displayed press to decrease value of a setpoint that is currently being modified. Holding the button down for approximately 3 seconds will speed up the rate at which the setpoint value is decreased.

In the Run Mode pressing INPUT causes the display to flash TARE value to tare your reading (zeroing).

In the Run Mode pressing INPUT twice to enable Standby Mode with flashing TARE value.

Reset: Except for Alarms, modifying any settings of the menu configuration will reset the controller prior to resuming Run Mode.

Panel Mounting Instruction:
1. Using the dimensions from the panel cutout diagram shown above, cut an opening in the panel.
2. Insert the unit into the opening from the front of the panel, so the gasket seals between the bezel and the front of the panel.
3. Slide the retainer over the rear of the case and tighten against the backside of the mounting panel.