

GBR 25R Relay Gauge Programing Guide



Save/Set Scroll Right Adjust Digit

P081 Pressure Units

(Preset to Inches of WC)

1. Activate **P081** programing
2. Press **Adjust Digit** button to select a unit.
1= Pascal, 2=K Pascal, 3= mbar,
4= mm W.C., 5= in W.C.
3. Hold **Save/Set** button to input new settings

P075 Refresh Delay

(Preset to refresh every 5 Sec)

1. Activate **P075** programing
2. Press **Adjust Digit** button to select refresh delay.
Refresh delay choices are 0.5, 1, 5, 10 seconds
3. Hold **Save/Set** button to input new settings

P302 Alarm Audible option

(Preset Audible & Visual)

1. Activate **P302** programing
2. Press **Adjust Digit** button to select
1 for Audible & Visual alarm
0 for Visual alarm only.
3. Hold **Save/Set** button to input new settings

The gauge is pre-set to:

Audible and Visual alarm with visual being displayed as "Lo"

Display is set to:

inches of W.C. Refresh: every 5 seconds. Alarm: activated at pressure less than 1.0" W.C. Alarm Delay: 0

Available Programs

The GBR series gauge/alarm are programmable for the following changes indicated by P# and setting #

P081 Display pressure readings in units of: #1 pascals, #2 K-pascals, #3 mbar, #4 mm water column, #5 inches water column

P075 Refresh display: 0.5, 1, 5, or 10 seconds

P401 or 402 to set relays

Steps to Access a Program

In each case to change a program setting use the following initial steps:

Press **Save/Set** button and **P000** will appear. Press **Scroll Right** button to Select first digit **0**. Press **Adjust Digit** button to enter **program number** for that digit.

Press **Scroll Right** button to select second, third or first digit and press **Adjust Digit** button to set the **program number**.

Once **program number** is set, press **Save/Set** Button to begin adjusting the program setting to the desired function.

After inputting the number representing the desired function, hold the **Save/Set** button to input the setting for that function and the gauge will return to displaying the system pressure.

To Re Zero Display

1. Disconnect tubing from suction pipe.
2. Hold **Scroll Right** button for 5 seconds
3. Display should read zero
4. Reconnect tubing into the suction pipe

P810 Factory Reset

(Factory Setting is alarm off)

1. Activate **P810** programing
2. Hold **Save/Set** button to revert to Factory Settings

P401 and 402 Relay Activation Pressure

(Preset to 250 Pa or 1.0" WC)

1. Activate **P401 or 402** programing
2. Press **Adjust Digit** button and select 1.
0 turns off relay
1, 2, 3 & 4 are high versus low alarm variations
3. Press **Save/Set** button to next set low activation pressure
4. Pressure setting is made in Pascals (**00250.0 Pa = 1"WC**)
5. Use **Scroll Right** and **Adjust Digit** button to specify desired low activation pascal pressure
6. Press **Save/Set** button to set specified low pressure
7. Next display is high pressure setting used for high low variations
High pressure setting used if 2, 3 or 4 was initially programed.
8. Press **Save/Set** button to next set and specify 0 for **Alarm Delay**.
9. Press **Save/Set** button to next specify 0 for **Restore Delay**
- 10 Press **Save/Set** Button and system pressure is displayed