



- Install 1.** Cut a 5-3/8" (136mm) long and 3-1/8" (80mm) wide square hole in your instrument panel, and use the provided screws to install your P7-B/UP7-B panel. Make sure you have at least 2-3/16" (55mm) clearance on the back side of your instrument panel.
- 2.** Connect cables according to wire diagram. Please use the (provided) resistors, if you are using a 24 V power supply. Use the black wires 1-7 to connect to the corresponding sensor black wires. If some of the positions are not used, just keep them unconnected to any wires. Then the green LED lightens, and the gauge pointer shows the empty position
- Debug1.** Turn on the power. Switch No. 1-7 buttons which were set to water tanks as default.
- Press 1-7 buttons to connect to 1-7 tanks. Note changes to the gauge needle while operating. If it shows the status of tanks, your connection for the wires is OK.
- 2.** Alarm: When the level is lower than 1/8 position for oil or water tank, yellow or green tank light begins flashing; when the level is higher than 3/4 position for holding tank, red tank light begins flashing. Buzzer for alarming is additional function. You need to use an additional buzzer and connect according to wire diagram. Then when light is flashing, buzzer alarms simultaneously for 10 seconds every 10 minutes, and will close automatically after alarming 3 times.
- Setup 1.** Press buttons 1-7 (one at a time) for 3-8 seconds to adjust the tank light. The button you pressed will begin flashing when you release it.
- 2.** Press the flashing position button quickly (less than 3 seconds) to alternate the tank type identification light (to fuel, water, or holding). Once you have programmed the correct type of tank for that position (1-7), press the flashing position light for 3-8 seconds. The position light will stop flashing, and that position programming is complete. Repeat these steps for all your other tank positions.