CDI 5200 AVD

SETUP AND OPERATION

Wiring

Connect the three terminals in the display to the corresponding terminals in the meter. Connect power either at the display or at the meter; if power is connected at the display, the cable must be 22 gauge or larger and no longer than 60 feet.

Setting the Averaging Period

Hold the button pressed while applying power to the display. This will put the display in its programming mode, with an “A” on the left and a digit on the right. Pressing the button repeatedly will cycle the digit through a series of numbers, starting with zero and continuing through the available averaging periods. By pressing the button, advance the number to the desired averaging period, or to zero for a rate display. Wait a few seconds with the button not pressed to store the selection. If you go beyond the number you are looking for, keep pressing and releasing the button, and the display will cycle back through zero.

What the Display Shows

The display shows a moving, or rolling, average of usage taken over the selected averaging period. Data is stored in segments one-tenth the length of the averaging period, so if, for example, a ten-minute averaging period is selected, the display will be updated once a minute. If the averaging period is set to zero, the display will show the instantaneous rate of usage.

Using the Display

In normal operation, the display will show the average flow over the selected period. To display the instantaneous rate, press and release the button. To return to the average display, either press the button again, or do nothing, and the average will return after 30 seconds.

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