INSTRUCTION SHEET
PPC-1 PORTABLE PULSE COUNTER

RESET

PULSE INPUT
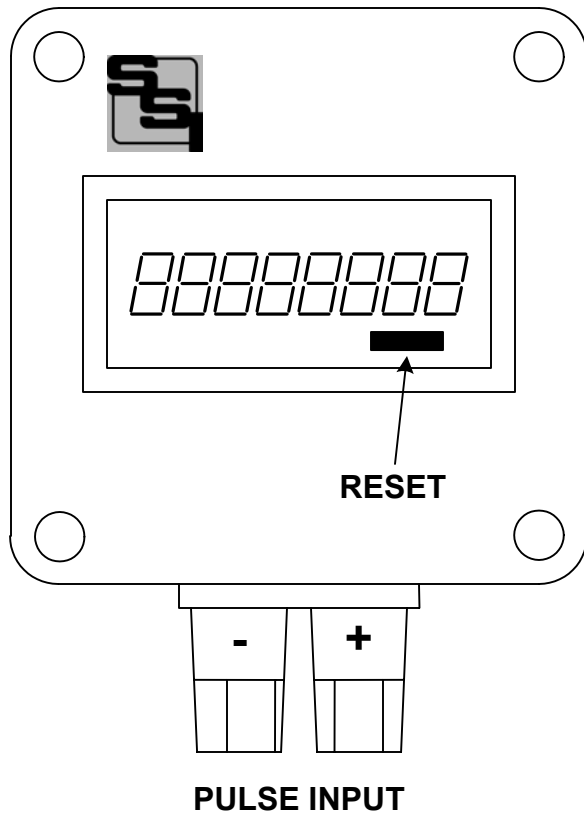
FUNCTION - The PPC-1 is an 8-digit pulse counter designed to accumulate a pulse count up to 99,999,999 from a Form A (2-Wire) pulse initiator. It is compatible with dry-contact pulse outputs only. Disconnect any voltage or connection to other equipment prior to connecting the PPC-1 to the meter's pulse output.

Upon each closure transition of the pulse output, the counter will increment by one count. Since the input is configured as a Form A (2-Wire) input, the opening transition of the pulse output is not counted. To get the correct energy value of the pulses accrued, multiply the count on the PPC-1 by the Form A pulse value.

The on-state resistance of the meter's pulse initiator must be less then 100 ohms.

POWER INPUT - No power supply required. The PPC-1 is battery powered and contains an internal 5-year lithium battery. Contact factory for replacement batteries.

METER CONNECTIONS - Connect the PPC-1's pulse input leads to the meter's "K" and "Y" terminals. For non-polarized pulse outputs, either lead can be connected to either terminal. If the pulse output is polarized, observe the polarity. Connect the positive (red) lead to the + (red) pulse input teriminal on the PPC-1. Connect the negative (black) lead to the - (black) terminal. The PPC-1 may also be connected to the "K" and "Z" outputs of the pulse initiator.

FORM A vs. FORM C PULSE COUNT - The pulse count of the PPC-1 is a based on a Form A pulse input. Therefore, the count will be half the equivalent Form C count. To convert the Form A count to the Form C equivalent, simply multiply the count by 2. Since the energy value of Form A pulses is double the value of Form C pulses, the equivalent accrued energy is the same.

RESET - To reset the counter to zero, simply press and hold the reset button until the counter is zeroed.

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