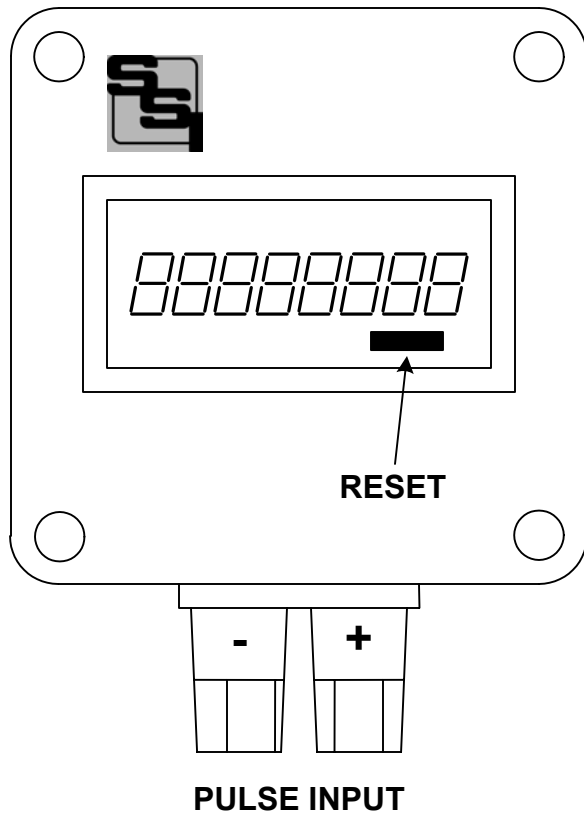


# INSTRUCTION SHEET

## PPC-1 PORTABLE PULSE COUNTER



**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 than 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 terminal 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 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.



## SOLID STATE INSTRUMENTS

a division of Brayden Automation Corp.  
6230 Aviation Circle, Loveland Colorado 80538  
Phone: (970)461-9600 Fax: (970)461-9605  
E-mail: [support@solidstateinstruments.com](mailto:support@solidstateinstruments.com)