# INSTRUCTION SHEET
# PPT-1 PORTABLE PULSE TESTER

RED   YEL   BLK

K   Y   Z

**Push to Test**
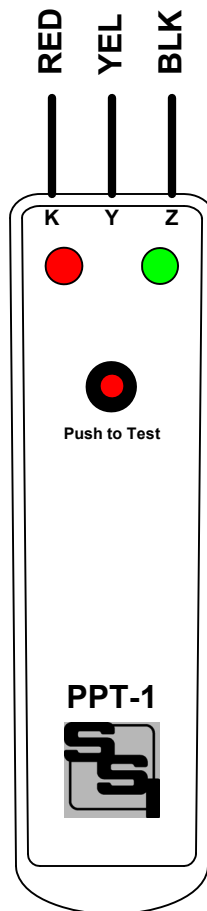
**PPT-1**

**FUNCTION -** The PPT-1 is a quick and easy tool for testing KYZ meter pulse outputs. It is compatible with dry-contact pulse outputs only. Disconnect any voltage or connection to other equipment prior to connecting the PPT-1 to the meter's pulse output.

Upon each alternating closure of the pulse output, the RED and GREEN LEDs will light indicating continuity of the K to Y and K to Z output terminals. The PPT-1 may be used with either a Form A (2-Wire) output or a Form C (3-Wire) output.

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

**POWER INPUT -** No power supply required. The PPT-1 is battery powered and uses two AA batteries.

**METER CONNECTIONS -** Connect the PPT-1's pulse input leads to the meter's "K", "Y", and "Z" terminals. The PPT-1 uses the standard KYZ color code: K=Red, Y=Yellow and Z=Black.

**PUSH TO TEST -** Once you have the test leads connected to the meter's KYZ output, push and hold the pushbutton switch on the PPT-1 to test the meter's KYZ output. On a Form C output, you will see the Red and Green LEDs alternating back and forth indicating that the meter is correctly "toggling" from K-Y continuity to K-Z continuity. On a Form A output, you will generally see only a short Red LED flash as long as you are using the Red and Yellow leads. If the kW demand of the building is low, the LEDs will flash slowly. When the kW demand of the building increases, the rate at which the LEDs flash will be faster.

# SOLID STATE INSTRUMENTS

by Radian Research, Inc

3852 Fortune Dr, Lafayette, IN 47905
Phone: (765) 449-5576
Mail: technicalsupport@radianresearch.com