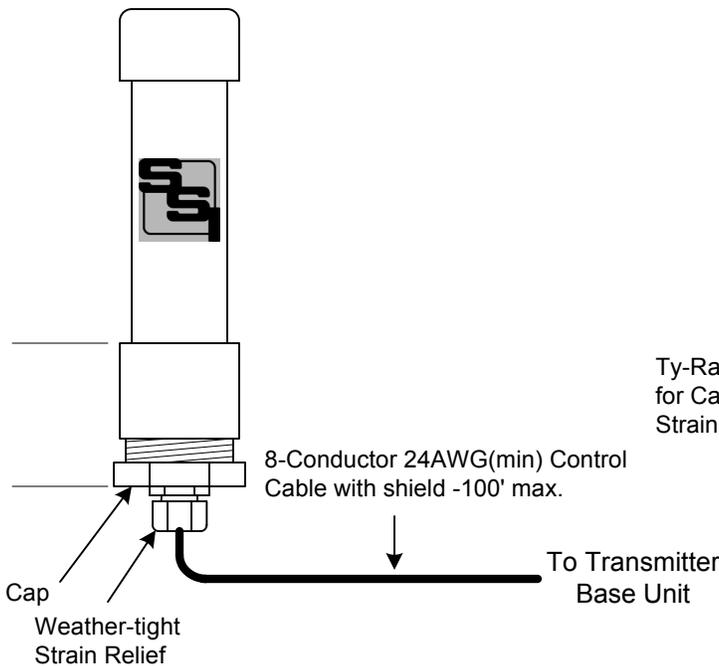


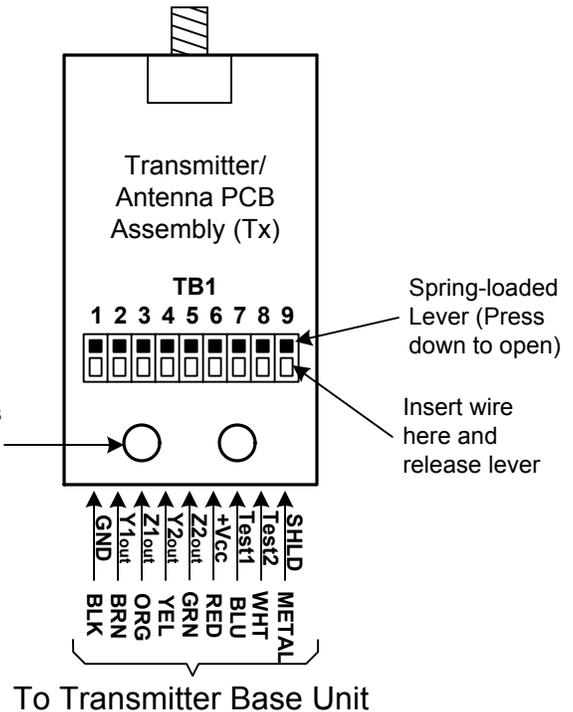
# INSTRUCTION SHEET

## PRT-900 PULSE RADIO LINK TRANSMITTER

FCC ID: TIT-PRT-900



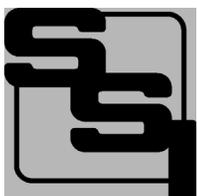
**FIGURE 1**



**FIGURE 2**

**MOUNTING POSITION** - (See Note Below on Cable Connection before mounting) The PRT-900 Transmitter/Antenna unit (Tx) should be mounted in an upright position so that the cable is located on the bottom of the unit. Mount the unit as high as necessary to guarantee LINE-OF-SIGHT with the PRR-900 Receiver/Antenna unit (Rx). Make sure that the transmitter is mounted at least 6.25" away from any metal object such as a pole or metal building. It may be mounted directly to a wooden pole or other non-metallic surface using plastic clamps. Make sure that no metal mounting hardware is placed above the bottom of the Transmitter case.

**CABLE CONNECTION TO PRT-900** - It is advisable that this task is performed, if possible, in a convenient, clean work area before mounting the Tx unit. Connect the 8-conductor 24AWG(min) shielded control cable to the 9-position connector on the PRT-900 Tx. Access the PCB Assembly by unscrewing the Tx housing cap on the bottom of the unit. Remove the Tx assembly from the housing. Feed the control cable into the housing's weather-tight connector on the cap so that there is approximately 12" of cable through the cap. Tighten weather-tight cable fitting so that the cable is not quite tight and easily slides back and forth. Strip approximately 2" of the control cable's outer jacket to expose the individual conductors, being careful not to cut the insulation of the conductors or any strands of the shield's drain wire. Strip the insulation of each conductor back 1/4". Connect each conductor of the cable to the 9-position connector TB1 using a small flat-blade screwdriver or other similar tool to open the spring-loaded connector as shown above in Figure 2. Press down on connector lever, slip wire into hole and release. When all conductors are attached, attach the cable tie (ty-rap) included through the Tx PCB Assembly's holes and tighten the control cable down, leaving about 1/4" of jacket above the ty-rap so as to provide adequate strain relief for the cable connections. Pull the cable back through the cap and weather-tight connector and place the Tx PCB Assembly back into the cap's slots. Tighten the weather-tight connector to secure the assembly in place. Put the ring spacer over the Cap's threads and insert the Tx Assembly into the housing. Tighten the cap until spacer is tight. For best results, keep the distance between the Transmitter and the Base Unit to the minimum practical distance.



## SOLID STATE INSTRUMENTS

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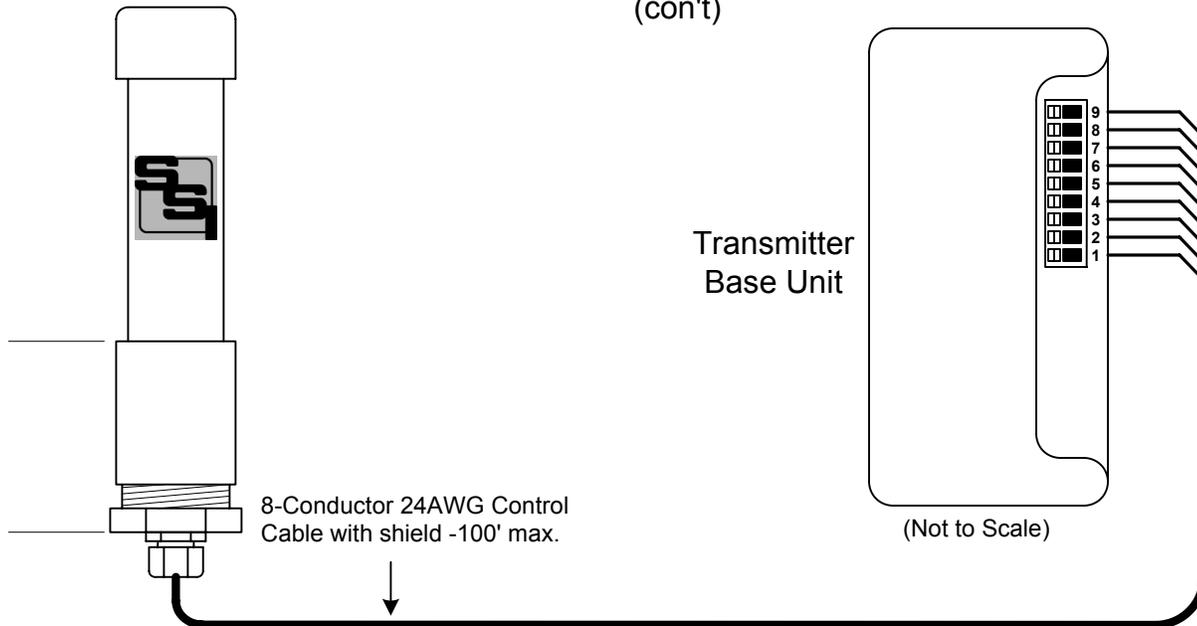
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# INSTRUCTION SHEET

## PRT-900 PULSE RADIO LINK TRANSMITTER

(con't)



**POWER INPUT** - The PRT-900 receives its power supply from the PRT-2 Transmitter Base unit.

**METER INPUTS** - See the PRT-2 Base Unit Instruction Sheet for detailed information on connecting the KYZ inputs to the Electric Meter's KYZ Pulse output.

**RADIO OUTPUT** - The PRT-900's Transmitter/Antenna Unit contains a low-power 916MHz radio transmitter with an integral antenna mounted inside the unit. See diagram on reverse side for mounting method and considerations. Transmission is LINE OF SIGHT up to approximately 1000 feet. Metal objects will affect the distance the radio system will effectively work. Trees may also affect transmission distance. The user bears all responsibility for proper mounting and operation of the unit within the PRT-900's operating parameters

**NOTICE TO USER** - This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- \* Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.