

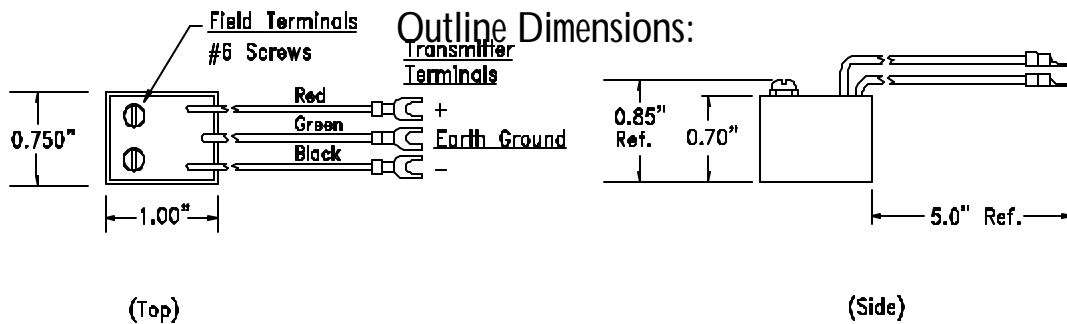
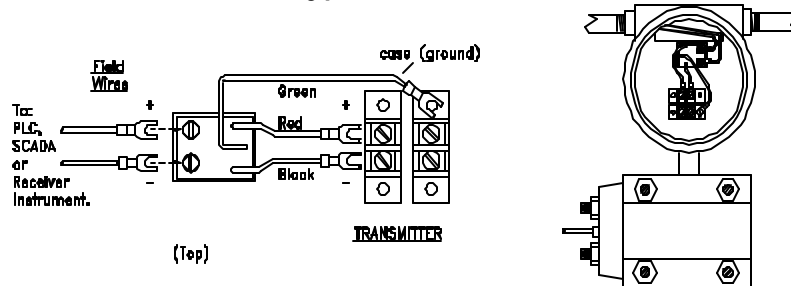
Installation Instructions

SPT-42U Series

Two Wire Transmitter/ Instrument

Surge Suppressor

Typical Installation:



CAUTION: Make sure Signal/Field power is OFF before installing suppressor.

Mount the SPT-42U Series to any convenient surface using the mounting tape provided. Connect the field wires to the terminal posts as indicated. Connect the red and black wires to the instrument signal loop terminal block. The ground wire (green) must be connected to a good earth ground (normally the instrument case). **IMPROPER GROUNDING WILL RESULT IN LOSS OF PROTECTION!**



ATTENTION: Installation and servicing should be done only by trained and qualified personnel. Intended for indoor use in locked communication closets or field enclosures approved for the application which are accessible only to trained personnel. Intended for use on communication loop circuits which have been isolated from the Public Switched Telephone Network.

Wiring Instructions:

Use spade terminals for all connections to ensure proper electrical conductivity.
Use existing terminals on surge suppressor, or cut wires to fit application and re-terminate.
Ensure that suppressor is mounted as close to equipment it is protecting as possible.

- (A) Turn off power to transmitter Field lines.
- (B) Disconnect Field lines from transmitter terminals.
- (C) Attach Red field line to positive (+) terminal of suppressor.
- (D) Attach Black field line to negative (-) terminal of suppressor.
- (E) Attach Red suppressor wire to positive (+) transmitter terminal.
- (F) Attach Black suppressor wire to negative (-) transmitter terminal.
- (G) Attach Green suppressor wire (gnd) to suitable ground, normally case ground. Route ground wire away from positive and negative wires.
- (I) Restore power to Field lines.