

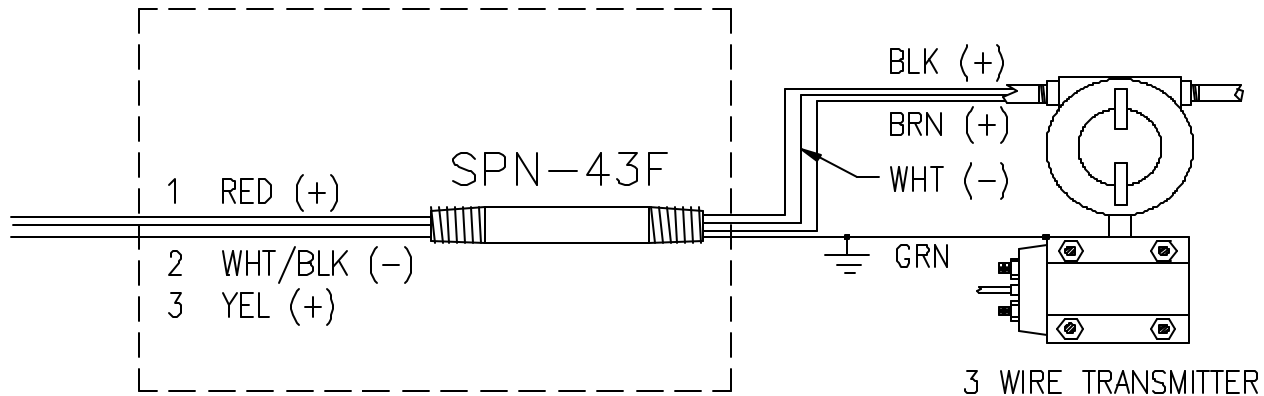
Installation Instructions

SPN-43 Series

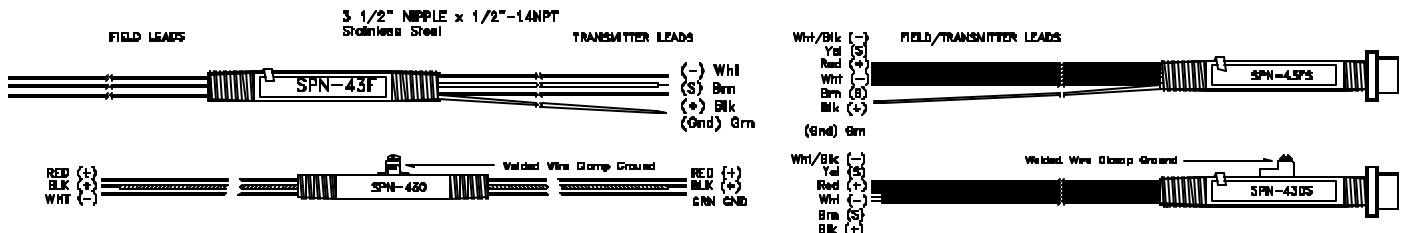
dp Transmitter/
Instrumentation

3 Line Surge Suppressor

Typical Installation:



Outline Dimensions:



ATTENTION: Installation and servicing should be done only by trained and qualified personnel. Intended for use on communication loop circuits which have been isolated from the Public Switch Telephone Network.

Wiring Instructions:

Make sure equipment power is turned OFF before installing suppressor.

(A) Remove field lines from transmitter terminals. Cut spade lugs from each wire.

(B) Strip 1/4" of insulation from each conductor wire from suppressor and field. Tin the end of each exposed wire with solder.

(C) Attach appropriately sized spade lugs to conductor wires on "transmitter" side of suppressor. Solder wire into spade to ensure proper connection. Attach Black (+) and Brown (+) wires to appropriate positive terminal(s) in transmitter housing. Attach White (-) wire to negative terminal in transmitter housing. Attach Green (gnd) wire to case ground. The SPN-430 Series and SPN-430S utilizes an external ground lug, if this is used, keep 12AWG or larger ground wire as short as possible.

(D) Solder positive (+) field wires to appropriate Red (+) and Yellow (+) suppressor wire. The Red (+) wire on the "field" side of suppressor corresponds to the Black (+) wire on the "transmitter" side. Yellow (+) corresponds to Brown (+). Solder negative (-) field wire to Wht/Blk (-) suppressor wire.

(E) Turn equipment power **ON**.