

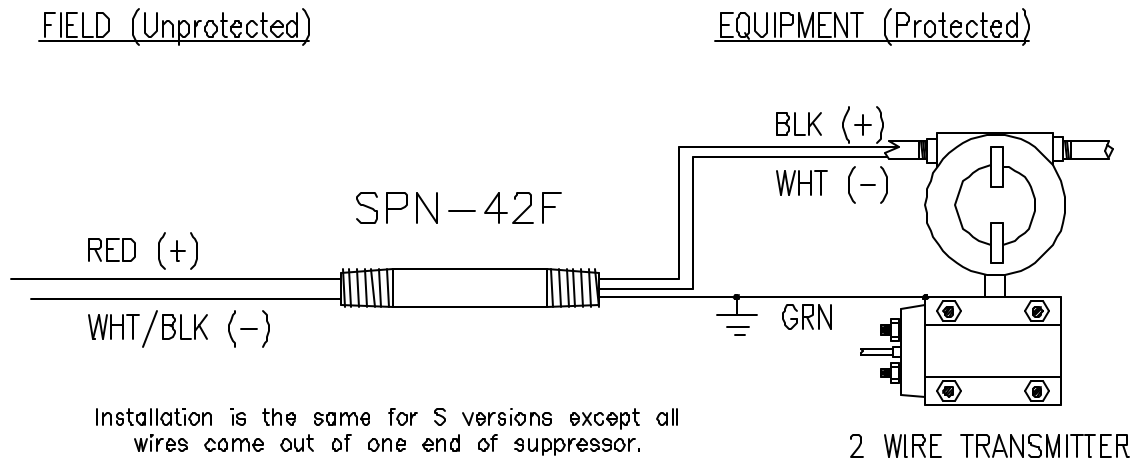
Installation Instructions

SPN-42 Series

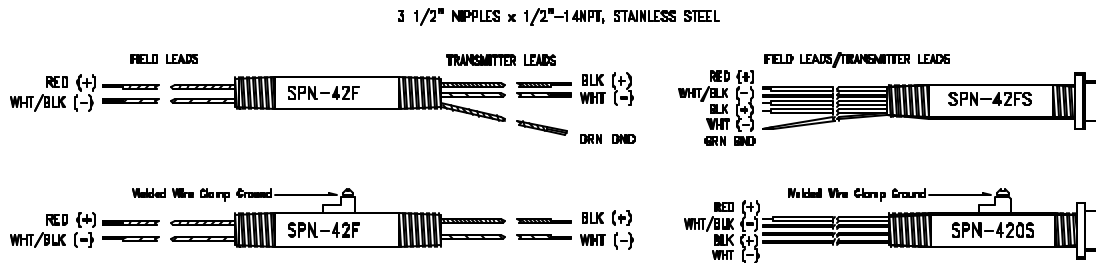
dp Transmitter/
Instrumentation

2 Line Surge Suppressor

Typical Installation:



Configurations:



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 Switched Telephone Network.

Wiring Instructions:

Make Sure equipment power is turned OFF before installing suppressor.

- Remove field lines from transmitter terminals. Cut spade lugs from each wire.
- Strip 1/4" of insulation from each conductor wire from suppressor and field. Tin the end of each exposed wire with solder.
- Attach appropriately sized spade lugs to conductor wires on "transmitter" side of suppressor. Solder wire into spade to ensure proper connection. Attach Black (+) 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-420 Series utilizes an external ground lug, if this is used, keep 12 AWG or larger ground wire as short as possible.
- Attach appropriately sized spade lugs to conductor wires on "field" side of suppressor. Solder wire into spade to ensure proper connection. Solder positive (+) field wires to appropriate Red (+) suppressor wire. The Red (+) wire on the "field" side of suppressor corresponds to the Black (+) wire on the "transmitter" side. Solder negative (-) field wire to Wht/Blk (-) suppressor wire.
- Turn equipment power **ON**.

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For Technical Assistance Contact Us At:
Circuit Components, Inc. - 2400 S. Roosevelt Street Tempe, AZ - 85282
Tel: (480) 967-0624 - Fax: (480) 967-9385 - Email: info@surgecontrol.com
Website: www.surgecontrol.com

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