

Application Note 10

X Series - Transmitter Power Supply Connections

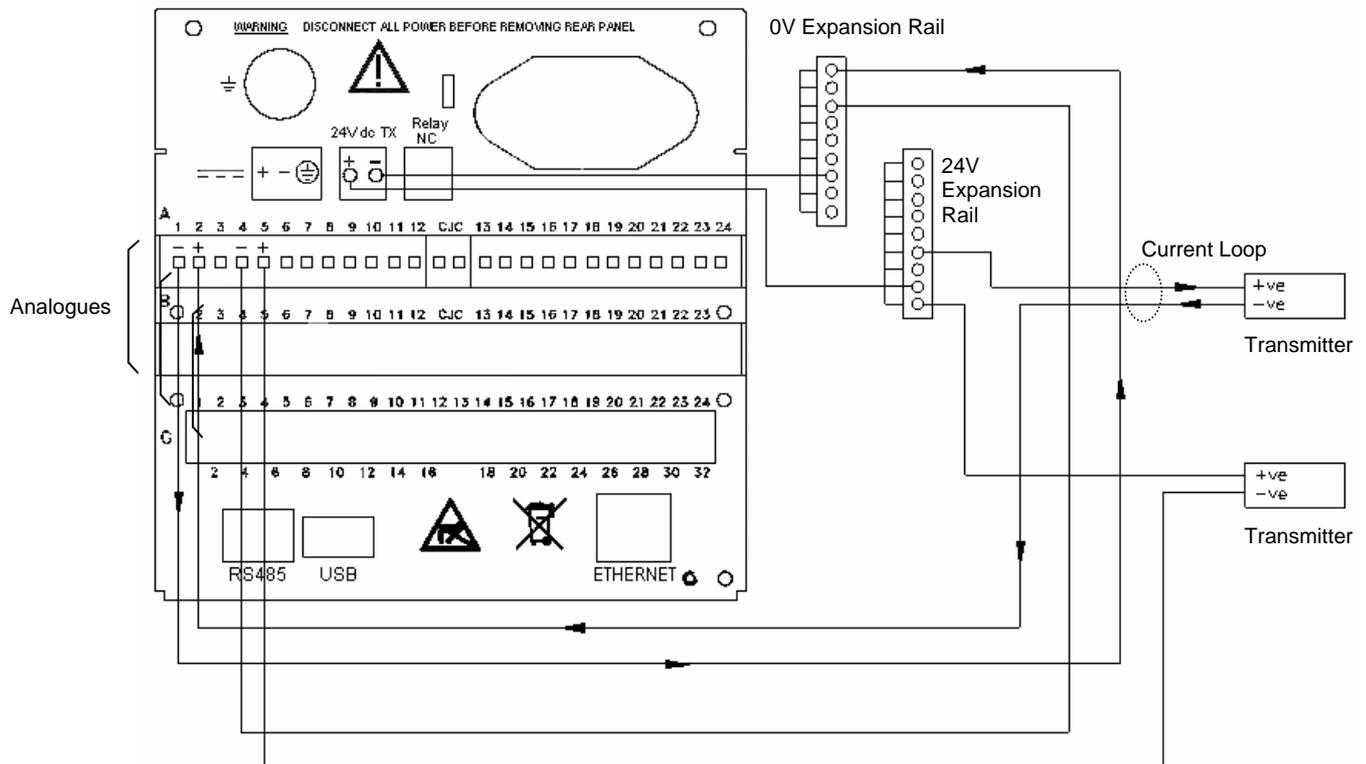
Current Output Transmitters

The Transmitter Power Supply is intended to power transmitters or transducers whose output signal is then fed back into the recorder for measuring.

QX recorder

The QX recorder has a transmitter power supply that will supply a maximum of 200 mA @ 24 V \pm 1 V.

Connections to transmitters are shown below:



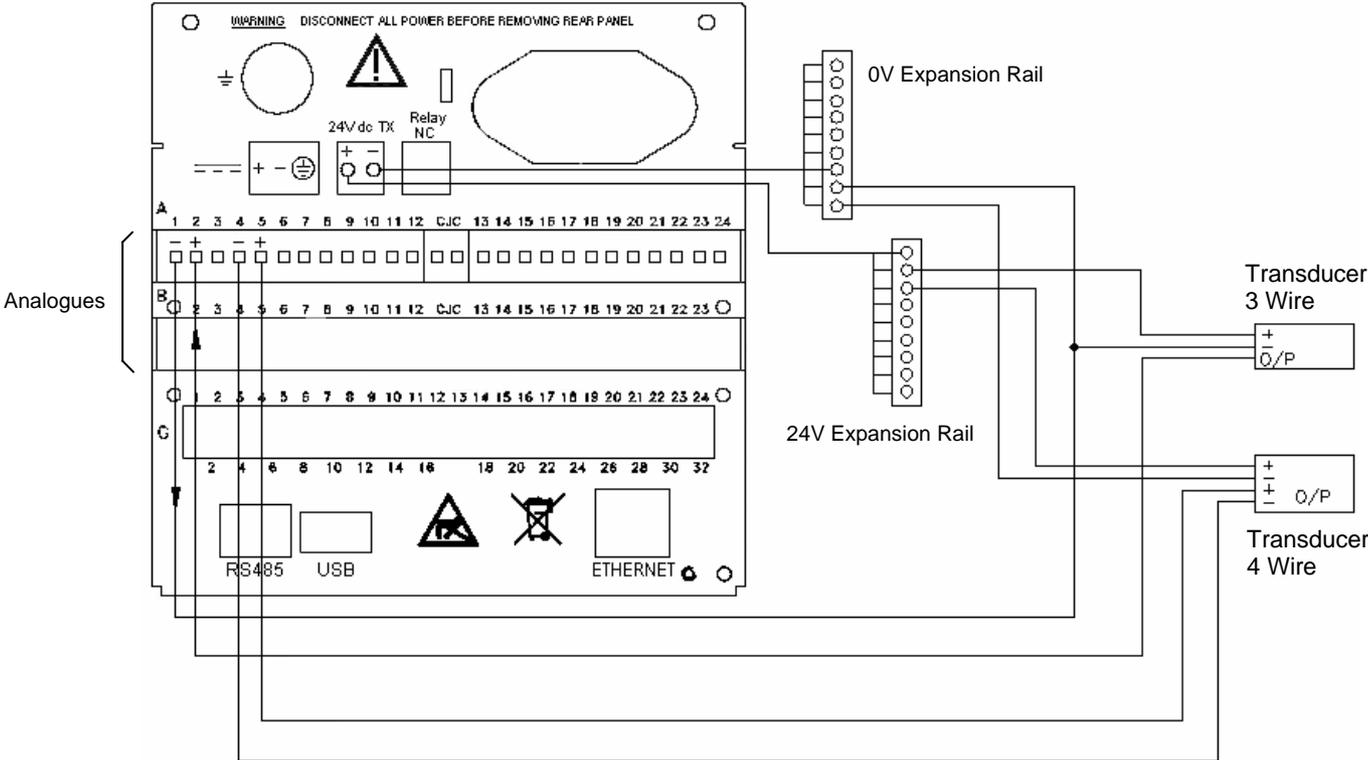
If more than one transmitter is connected then the measuring inputs for those channels will no longer be isolated from each other.

Voltage Output Transducers

QX Recorder

Voltage transducers may also be powered from this supply. Maximum current is 200 mA total @ 24 V.

Connections to transducers are shown below.

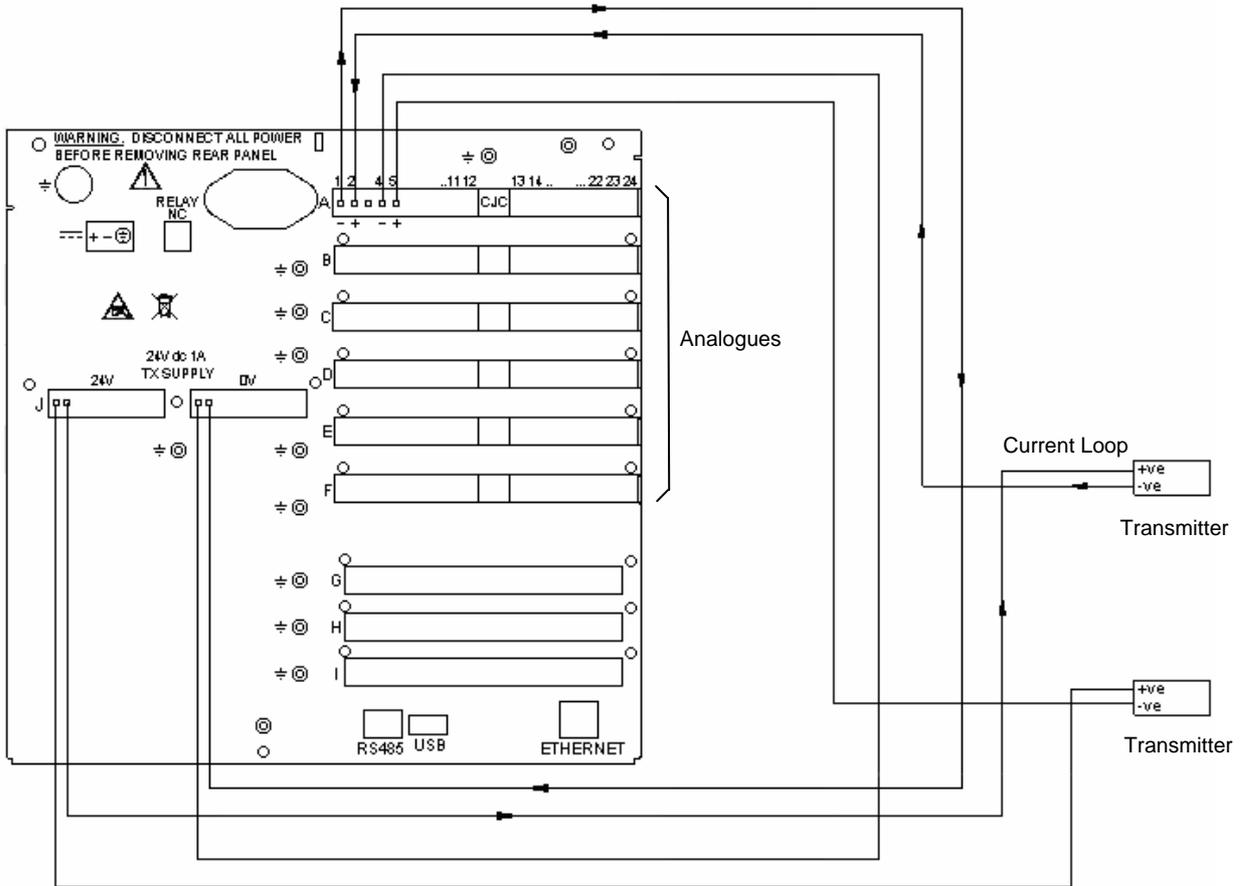


Current Output Transmitters

SX Recorder

The SX recorder has the same system but is capable of supplying a total of 1 A @ 24 V and has 10+ve and 10+ve connections on the rear of the unit.

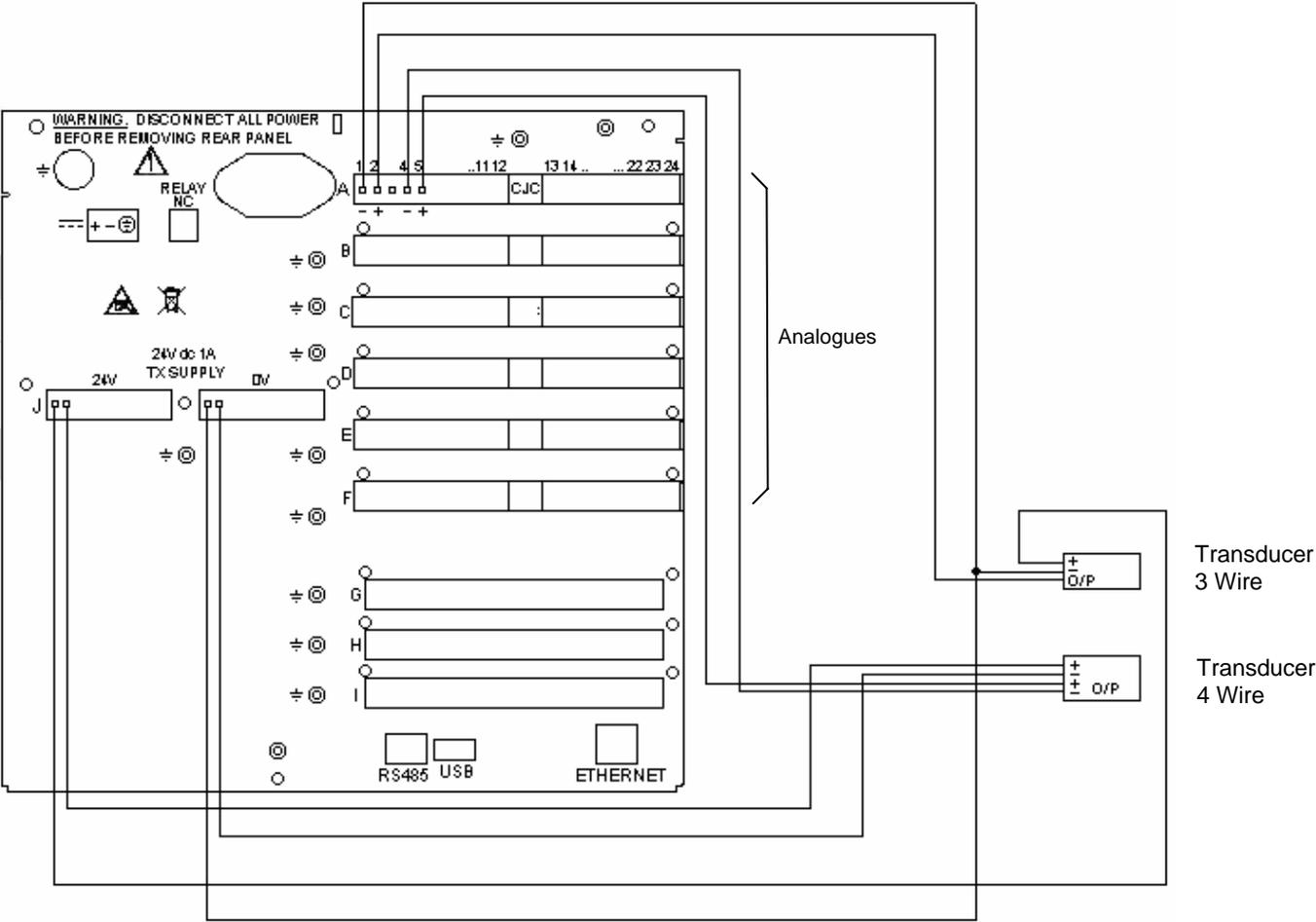
10 +ve and 10 -ve connections are from a common source.



Voltage Output Transducers

SX Recorder

Connections to transmitters are shown below:



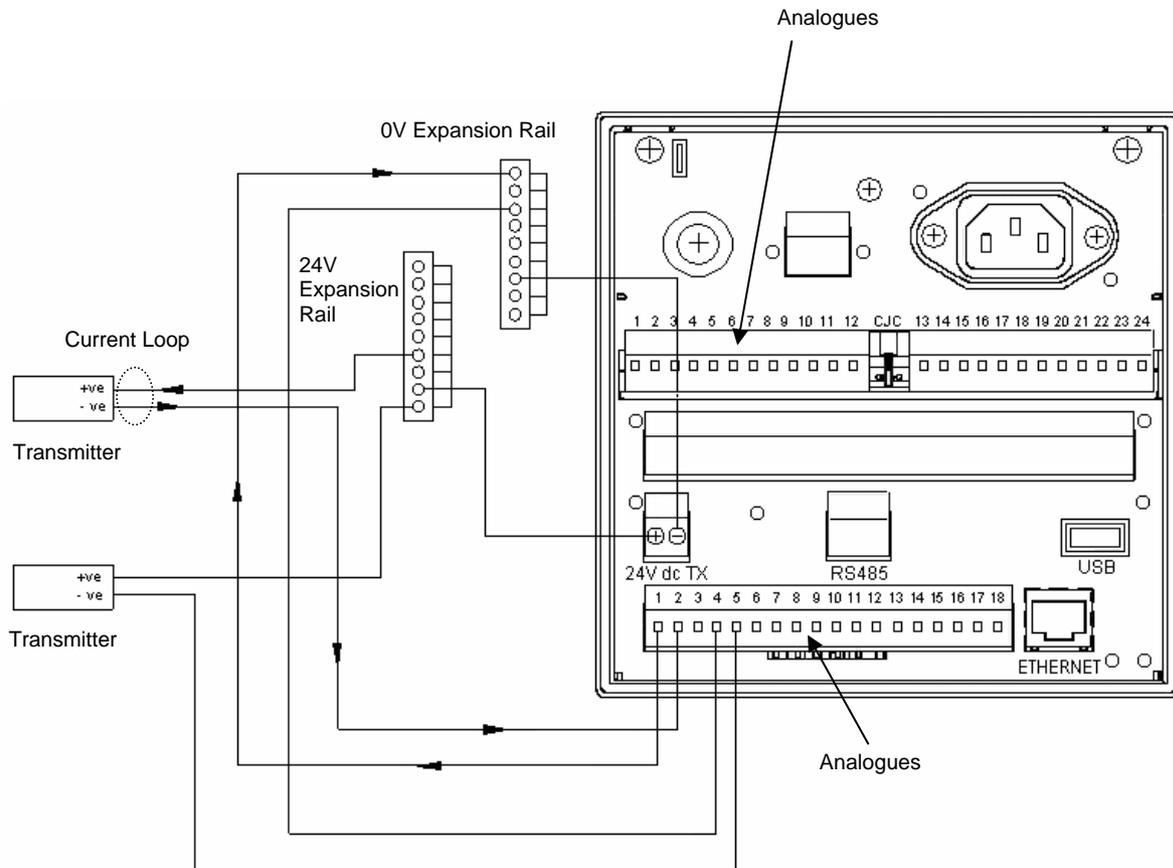
Current Output Transmitters

The Transmitter Power Supply is intended to power transmitters or transducers whose output signal is then fed back into the recorder for measuring.

QXe recorder

The QXe recorder has a transmitter power supply that will supply a maximum of 200mA @ 24V+/- 1 V.

Connections to transmitters are shown below:



Voltage Output Transducers

QXe Recorder

Voltage transducers may also be powered from this supply. Maximum current is 200 mA total @ 24 V.

Connections to transducers are shown below.

