AMPLIFIED TRANSDUCER APPLICATION SHEET FOR CATALOG OPTION 2a AND 2b (BIPOLAR VOLTAGE AMP)

Output Voltage Range: 0-5 or +/- 5 volts
Operating Voltage Range: 26 - 32 VDC or +/- 15 VDC
Operating Current Max: 45 mA
Operating Temperature Range: -40 to 200 Deg F
Reverse Polarity Protection: Yes
Short Circuit Protected: +OUTPUT TO -OUTPUT

WIRING
Wiring for Dual Supply & Readout
Wiring to Single Supply & Readout

SHUNT CAL 1
SHUNT CAL 2

Calibration:
To enable the shunt calibration - Connect together the SHUNT CAL 1 and SHUNT CAL 2 Terminals or Wires.

Grounding:
Either the -OUTPUT or SUPPLY COMMON can be tied to Earth ground, but not both.

Output Characteristics Single Supply:
Maximum current the output can supply is .25 milliamps.
The voltage at the -OUTPUT terminal with respect to the SUPPLY RETURN is equal to 1/2 the total supply voltage.
The -OUTPUT/COMMON Terminal can be tied to Earth ground.

Output Characteristics Dual Supply:
Maximum current the OUTPUT can supply is 2.5 milliamps.