AMPLIFIED TRANSDUCER APPLICATION SHEET FOR CATALOG OPTION 2k (2-WIRE CURRENT AMP)

Output Range: 4-20 mA 2-WIRE
Operating Voltage Range: 13 - 40 volts DC
Operating current max: 28 mA (OVER RANGE)
Operating Temperature Range: -40 to 225 Deg F
Reverse Circuit Protected: Yes

Maximum Loop Resistance

Typical Wiring to Supply & Readout

SHUNT CALIBRATION: (Not available on all Transducers)
To Enable the Shunt Calibration - Short together the SHUNT CAL 1 and SHUNT CAL 2 Terminals or wires.

CALIBRATION:
Using the data from the CERTIFICATION OF CALIBRATION:

Full scale OUTPUT = CALIBRATION FACTOR + ZERO OUTPUT
OUTPUT with shunt cal applied = SHUNT CAL OUTPUT + ZERO OUTPUT
ZERO OUTPUT = OUTPUT with zero pressure or load applied.

GROUNDING:
System is usually tied to Earth ground at the Power Supply Return.