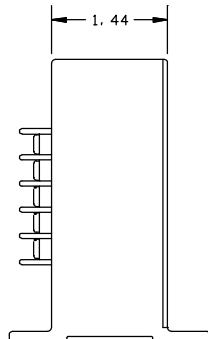
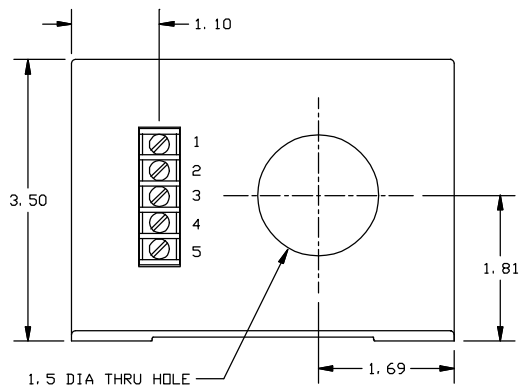
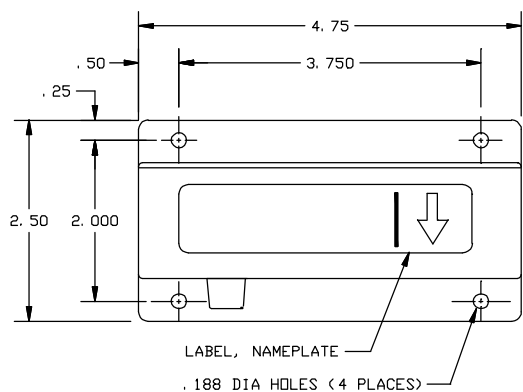


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**BIDIRECTIONAL CURRENT TRANSDUCER
SERIES 948**



PART NUMBER INPUT CURRENT

948-600	0 TO ±600
948-800	0 TO ±800
948-1000	0 TO ±1000
948-1500	0 TO ±1500
948-2000	0 TO ±2000

INPUT

RANGE Amps. DC or AC peak. See Table
CURRENT OVERLOAD..... ±5000 Amps. DC continuous
FREQUENCY DC to 20KHz

OUTPUT

VOLTAGE SIGNAL 0 to ±5Vdc FS (Full Scale)
ACCURACY ±1% FS
LINEARITY ±.5% FS
DI DT CAPABILITY 25A per u-sec
OUTPUT IMPEDANCE 100 Ohms max.
TEMPERATURE COEFFICIENT ±0.04% FS/°C max.

POWER SUPPLY

SUPPLY VOLTAGE ±15Vdc ±1Vdc
CURRENT DRAIN..... 50mA max.
REVERSE POLARITY PROTECTION 10µA max. current drain without damage

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE -20° to +70°C
STORAGE TEMPERATURE -45° to +85°C
OPERATING HUMIDITY..... 0% to 95% RH
INSULATION RESISTANCE 100 M-Ohms min.
ATTITUDE Unit will perform as specified when mounted in any position.
SHOCK Operating: 50g, 11m-sec half sine pulse (Method 213, Condition A of MIL-STD-202)
WEIGHT 1.5 lbs. max.

TERMINALS:

6-32 SCREWS, .325" CENTER TO CENTER SPACING, ACCEPTS WIRE SIZES UP TO 14 AWG. AND WIRE LUGS UP TO .26" WIDE.

TERMINAL IDENTIFICATION

1. SUPPLY VOLTAGE (+)
2. SUPPLY VOLTAGE (-)
3. SUPPLY (RTN)
4. OUTPUT (RTN)
5. OUTPUT SIGNAL (±)

AAC	Drawing Number 700-948	Rev. C
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