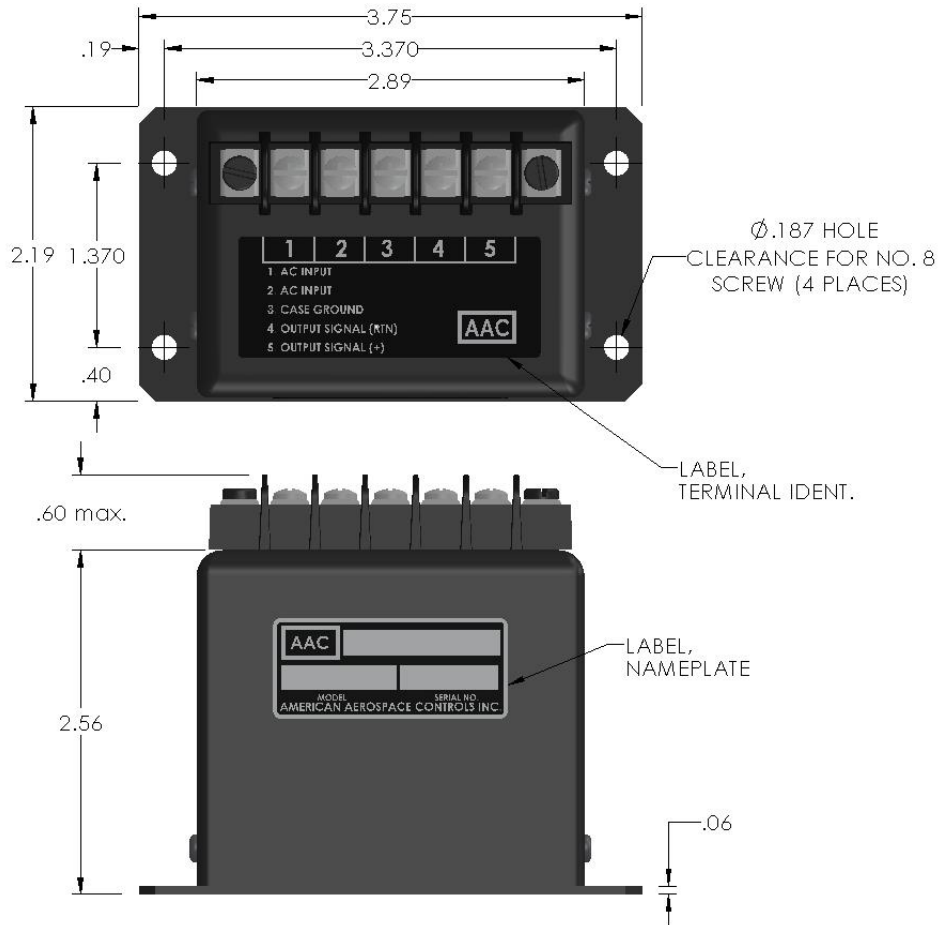


**AC VOLTAGE TRANSDUCER
PART NUMBER 101M3-150**



INPUT VOLTAGE

RANGE	90 to 150Vac RMS
FREQUENCY	60Hz
BURDEN	1 Va Typical
OVERVOLTAGE CAPABILITY	200 Vac max.

OUTPUT SIGNAL

VOLTAGE SIGNAL (V min. to V max.).....	0 to 5Vdc FS (Full Scale)
ACCURACY	±0.5% FS (±25mV)
RESPONSE	Within 0.5 cycle of input frequency
RIPPLE	1% 50mV RMS max.
TEMPERATURE COEFFICIENT	± 0.08% FS/°C max. (±4mVdc /°c)
OUTPUT IMPEDANCE	2.5 K-Ohms max.

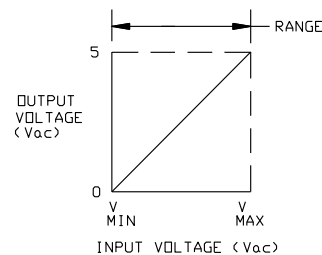
ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE.....	-40° to +85°C
STORAGE TEMPERATURE RANGE	-55° to +100°C
DIELECTRIC STRENGTH	300 V-RMS
INSULATION RESISTANCE	100 M Ohms @ 500Vdc
VIBRATION.....	Operating, meet or exceed Method 201A of MIL-STD-202F and Method 514.3 cat. 4 of MIL-STD-810C.
SHOCK	Operating: 50g, 11 m-sec half sine pulse (meet or exceed method 213B, Condition A of MIL-STD-202F)
MOISTURE RESISTANCE	Meet or exceed Method 106 of MIL-STD-202F and Method 507.2 proc. 1 of MIL-STD-810C.
OPERATING HUMIDITY	0% to 95% RH
WEIGHT	20 oz. max.

TERMINAL IDENTIFICATION

1. A.C. INPUT HI
2. A.C. INPUT LO
3. CASE GROUND
4. OUTPUT (RTN)
5. OUTPUT (+)

CHARACTERISTIC CURVE



AAC	Drawing Number 101M3	Rev. G
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