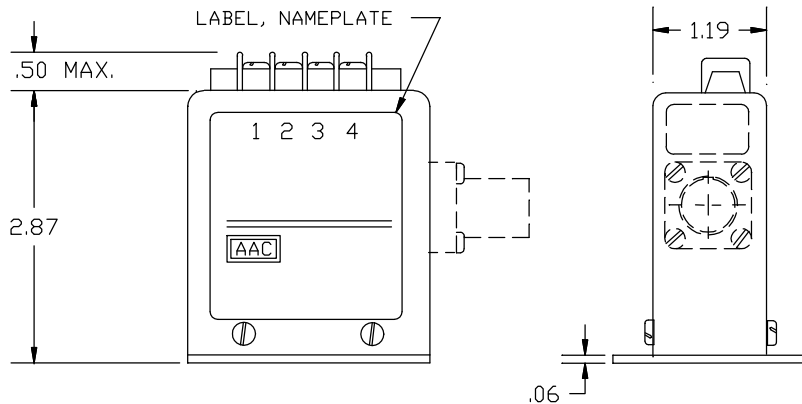
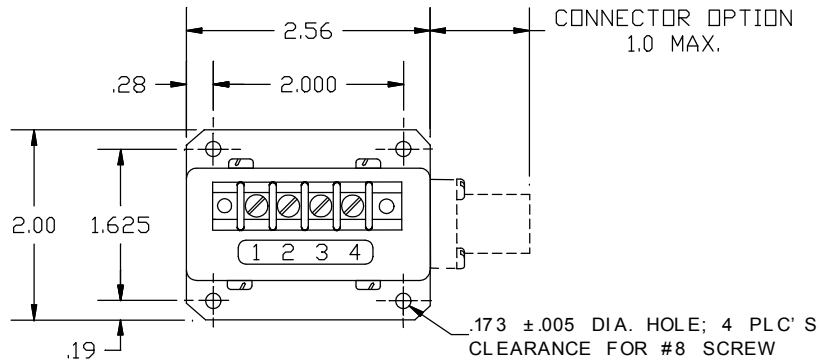


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**A.C. VOLTAGE SENSOR  
SERIES 108**



<u>MODEL NO.</u>	<u>INPUT VOLTAGE RANGE Vac</u>	<u>CONTINUOUS OVERLOAD Vac</u>
108-50	0 to 50	100
108-130	0 to 130	180
108-150	0 to 150	200
108-270	0 to 270	380
108-300	0 to 300	410
108-500	0 to 500	700
108-600	0 to 600	800

**INPUT**

VOLTAGE RANGE	See Table
FREQUENCY	60Hz (Optional Model Available) *
FREQUENCY RANGE	57 to 63Hz
BURDEN	3mA max.
OVERLOAD Vac	See Table

**OUTPUT**

VOLTAGE SIGNAL	0 to +5Vdc FS (Full Scale) 4 to 20mA Output Models Available
ACCURACY	±0.5% FS (±25mV)
RESPONSE (0 to 90%)	300 m-sec max.
RIPPLE	25mV RMS max.
TEMPERATURE COEFFICIENT	±0.02% FS/°C max.
REPEATABILITY	± 0.1% FS
OUTPUT IMPEDANCE	4000 Ohms max.

**POWER SUPPLY**

SUPPLY VOLTAGE	Self excited
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**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE	- 20° C to +70° C
STORAGE TEMPERATURE RANGE	- 55° C to +85° C
INSULATION RESISTANCE	200 M-Ohms (all terminals to case)
DIELECTRIC STRENGTH	1000V RMS
WEIGHT	10 oz. max.

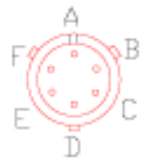
TERMINAL SCREWS 5-40 3/8 CENTER TO CENTER  
WIRE SIZES TO 14 AWG WIRE LUGS TO .281 WIDE.

**TERMINAL IDENTIFICATION**

1. AC VOLTAGE INPUT
2. AC VOLTAGE INPUT
3. OUTPUT (+)
4. OUTPUT (RTN)
5. SPARE
6. CASE GROUND

**\* Optional Models**

ADD SUFFIX -400 TO MODEL NO. FOR 400Hz OPERATION.  
ADD SUFFIX -4000 TO MODEL NO. FOR 4000Hz OPERATION.



**CONNECTOR  
OPTION**

ADD \*-C\* TO  
PART NO.

CONNECTOR P/N

PT02E-10-6P-023 OR EQUIV.

<b>AAC</b>	<b>Drawing Number 700-108</b>	<b>Rev. M</b>
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