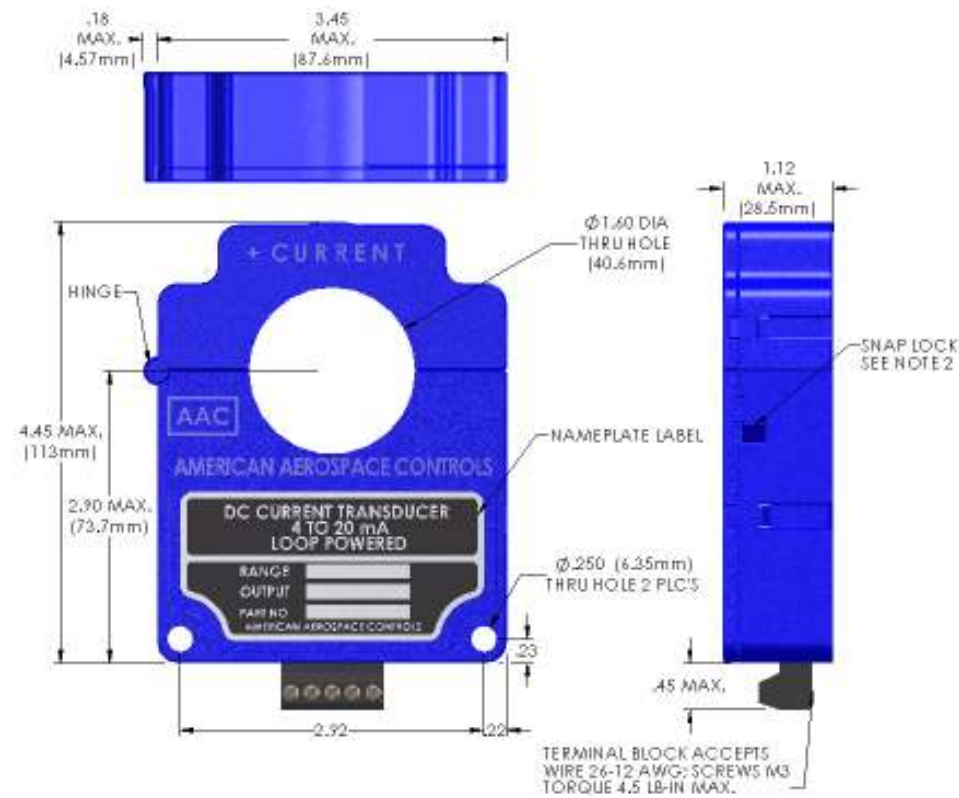


Dimensions in Inches, Tolerances: .XX ± .06 .XXX ± .030



**TERMINAL IDENTIFICATION**

- PIN 1 : POWER
- PIN 2 : RTN
- PIN 3 : N.C.
- PIN 4 : N.C.
- PIN 5 : N.C.

PIN NUMBERS NOT SHOWN ON UNIT

**ORDERING INFORMATION**

<b>921</b>	<b>-</b>	<b>1000</b>	<b>-</b>	<b>V</b>
SERIES		CURRENT RANGE		TERMINATION
				Blank: Terminal Block
				V: Connector Option

**DC CURRENT TRANSDUCER  
SERIES 921  
4 TO 20 mA 2 WIRE LOOP POWER  
CLAMP ON**

<u>PART NO</u>	<u>CURRENT RANGE</u>	<u>ACCURACY</u>
921-200	0 TO 200Adc	1.5%
921-250	0 TO 250Adc	1.5%
921-300	0 TO 300Adc	1.5%
921-400	0 TO 400Adc	1.0%
921-500	0 TO 500Adc	1.0%
921-600	0 TO 600Adc	1.0%
921-750	0 TO 750Adc	1.0%
921-800	0 TO 800Adc	1.0%
921-1000	0 TO 1000Adc	1.0%
921-1500	0 TO 1500Adc	1.0%
921-1700	0 TO 1700Adc	1.0%
921-2000	0 TO 2000Adc	1.0%

**INPUT**

RANGE ..... See table  
 OVERLOAD CONTINUOUS ..... ±5000Adc  
 FREQUENCY RANGE ..... DC to 35Hz

**OUTPUT**

CURRENT SIGNAL ..... 4 to 20mAdc  
 ACCURACY (Over Temperature Range) ..... See table & Note 1 %FS (Full Scale)  
 RESPONSE (10 to 90%) ..... 10 m sec.  
 LOAD RESISTANCE (RL) ..... 250 Ohms Nominal  
 LOAD RESISTANCE RANGE ..... 0 to 300 Ohms  
 CURRENT SIGNAL @ OVERLOAD ..... 24 mAdc typ.  
 PROTECTION ..... Reverse Polarity Protected

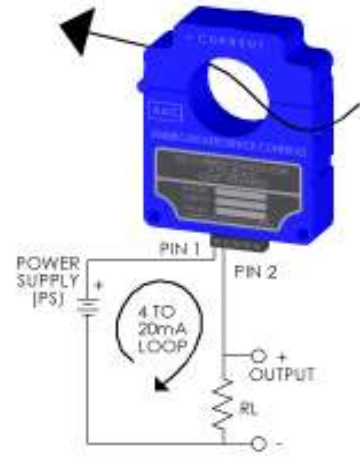
**POWER SUPPLY (PS)**

SUPPLY VOLTAGE ..... +24Vdc Nominal  
 CURRENT DRAIN ..... 4 to 24mAdc  
 SUPPLY VOLTAGE RANGE ..... +18 to 28Vdc  
 TRANSIENT PROTECTION ..... ±40V (T<5mS)

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE ..... -40° to +85°C  
 STORAGE TEMPERATURE RANGE ..... -45° to +85°C  
 ISOLATION ..... Input to output 2KV RMS 60Hz/1min.  
 INSULATION RESISTANCE ..... 500 M-Ohms @ 500Vdc  
 CASE MATERIAL ..... Molded Plastic meets UL flammability rating 94V-O  
 WEIGHT ..... 14 oz. Max.  
 FINISH ..... Blue Textured Pantone No. 294C

**NOTE 1:** Specified accuracy includes the combined worst case effects of Zero Offset, Temperature, Hysteresis, Supply Swings and Current Cable Positioning.  
**NOTE 2:** Insert tool and press to release.  
 (Recommended Tool : Screwdriver, 3/16 standard tipped)



<b>AAC</b>	<b>Drawing Number</b> <b>700-921</b>	<b>Rev.</b> <b>H</b>
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