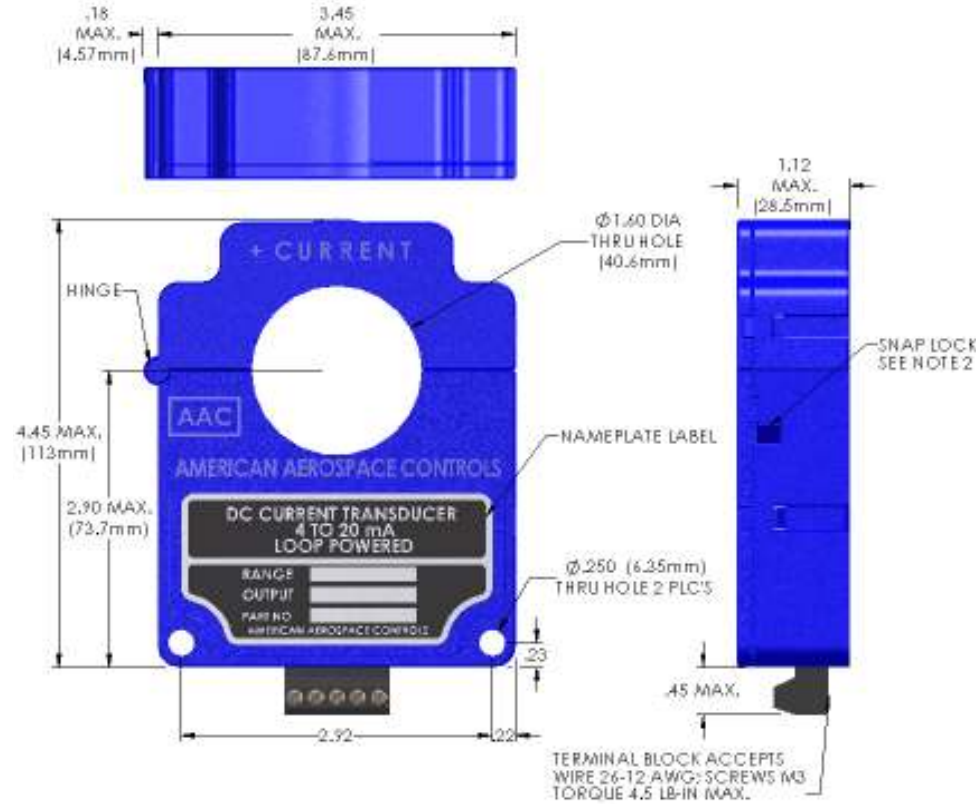


Dimensions in Inches, Tolerances: .XX ± .06 .XXX ± .030

**DC CURRENT TRANSDUCER  
SERIES 920  
4 TO 20 mA 2 WIRE LOOP POWER  
CLAMP ON**

PART NO	CURRENT RANGE	ACCURACY
920-50	0 TO 50Adc	1.25%
920-75	0 TO 75Adc	1.0%
920-100	0 TO 100Adc	1.0%
920-125	0 TO 125Adc	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)**

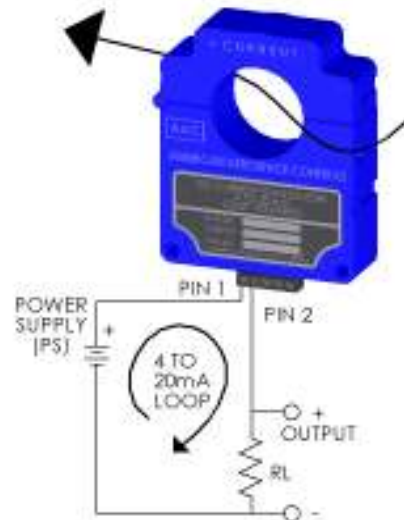
SUPPLY VOLTAGE ..... +24Vdc Nominal  
 CURRENT DRAIN ..... 4 to 24mAdc  
 SUPPLY VOLTAGE RANGE ..... +18 to 28Vdc  
 TRANSIENT PROTECTION ..... ±40V (T<5mS)

**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

**TERMINAL IDENTIFICATION**

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



**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 700-920</b>	<b>Rev. C</b>
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