

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

**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%
921-750	0 TO 750Adc	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 700-921</b>	<b>Rev. F</b>
------------	-----------------------------------	-------------------