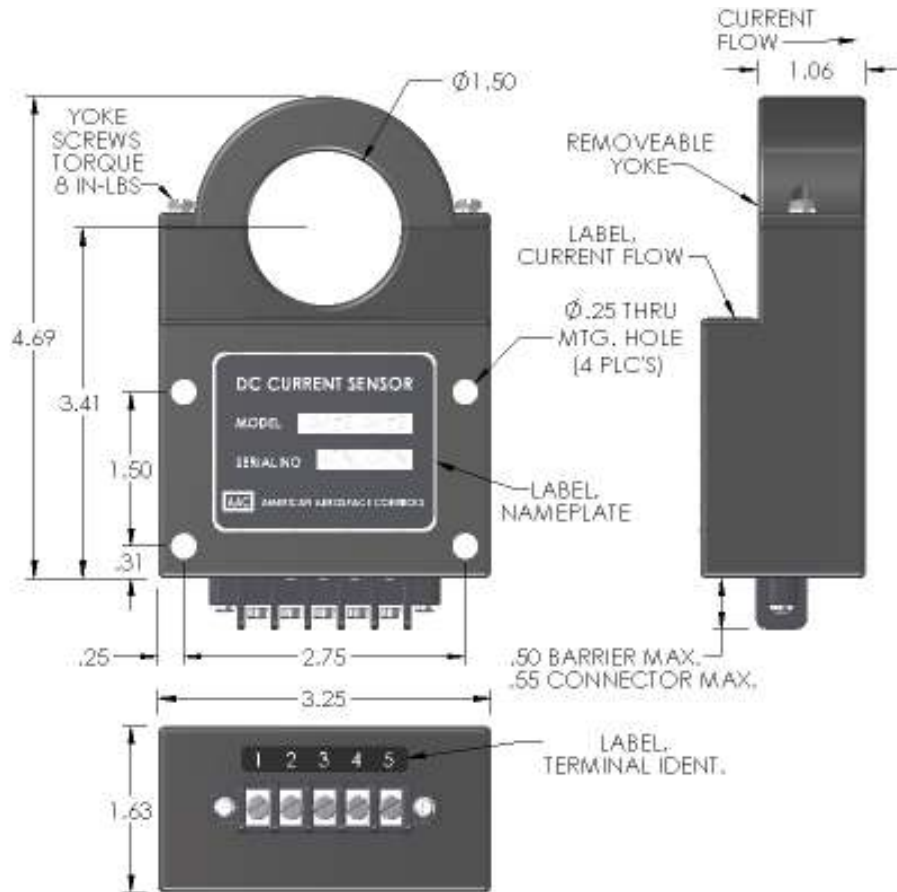


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**BIDIRECTIONAL CURRENT TRANSDUCER  
SERIES 9000  
REMOVABLE YOKE TYPE**



<u>PART NO.</u>	<u>INPUT RANGE</u>	<u>PART NO.</u>	<u>INPUT RANGE</u>
9000-150 .....	0 to $\pm 150$	9000-1000 .....	0 to $\pm 1000$
9000-250 .....	0 to $\pm 250$	9000-1500 .....	0 to $\pm 1500$
9000-500 .....	0 to $\pm 500$	9000-2000 .....	0 to $\pm 2000$
9000-750 .....	0 to $\pm 750$	9000-2500 .....	0 to $\pm 2500$

**INPUT**

CURRENT RANGE .....	See Table
CURRENT OVERLOAD .....	Unlimited Nondestructive

**OUTPUT**

VOLTAGE SIGNAL .....	0 to $\pm 5$ Vdc FS (Full Scale)
ACCURACY .....	$\pm 1\%$ FS
RESPONSE (10 to 90%) .....	200 u-sec max.
OUTPUT IMPEDANCE .....	100 $\Omega$ max.
TEMPERATURE COEFFICIENT .....	$\pm 0.05\%$ FS/ $^{\circ}$ C typ
SHORT CIRCUIT DURATION .....	Continuous

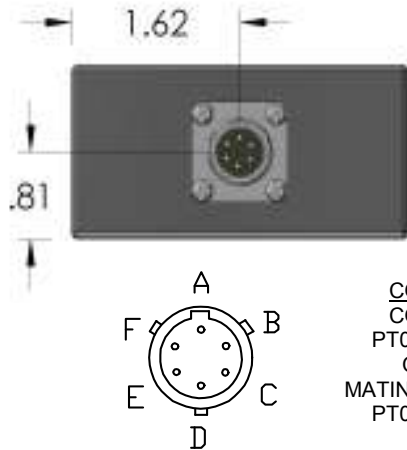
**POWER SUPPLY**

SUPPLY VOLTAGE .....	$\pm 15$ Vdc $\pm 1$ Vdc
CURRENT DRAIN .....	100mA max. at +15Vdc 25mA max. at -15Vdc
REVERSE POLARITY .....	No damage, 10uA current drain

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE .....	-25 $^{\circ}$ to +75 $^{\circ}$ C
STORAGE TEMPERATURE RANGE .....	-55 $^{\circ}$ to +85 $^{\circ}$ C
ISOLATION .....	Input/Output/Case (Supply & Output Common)
CASE MATERIAL .....	Molded Plastic Meets UL Flammability Rating 94V- 0
WEIGHT .....	12 oz. max.

**TERMINAL IDENTIFICATION**



<u>BARRIER</u>	
1	OUTPUT (+)
2	OUTPUT (RTN)
3	SUPPLY VOLTAGE (+15V)
4	SUPPLY VOLTAGE (RTN)
5	SUPPLY VOLTAGE (-15)
	SPARE

<u>CONNECTOR</u>	
A	
B	
C	
D	
E	
F	

**NOTE:**

1. NORMALLY SUPPLIED WITH 5 PIN TERMINAL BARRIER STRIP. MOLDED TERMINAL BLOCK WITH 6-32 TERMINAL SCREWS, .325 IN. CENTER TO CENTER SPACING. ACCEPTS WIRE SIZES UP TO 16AWG AND WIRE LUGS TO .250 IN. WIDE. AVAILABLE WITH 6 PIN OPTIONAL CONNECTOR MS3112E-10-6P OR EQUIVALENT. ADD LETTER -C AFTER PART NUMBER FOR CONNECTOR OPTION.

CONNECTOR  
CONNECTOR  
PT02E-10-6P-023  
OR EQUIV.  
MATING CONNECTOR  
PT06A-10-6S-424

<b>AAC</b>	<b>Drawing Number 700-9000</b>	<b>Rev. F</b>
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