

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 ±150	9000-1000.....	0 to ±1000
9000-250.....	0 to ±250	9000-1500.....	0 to ±1500
9000-500.....	0 to ±500	9000-2000.....	0 to ±2000
9000-750.....	0 to ±750	9000-2500.....	0 to ±2500

INPUT

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

OUTPUT

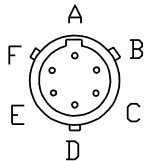
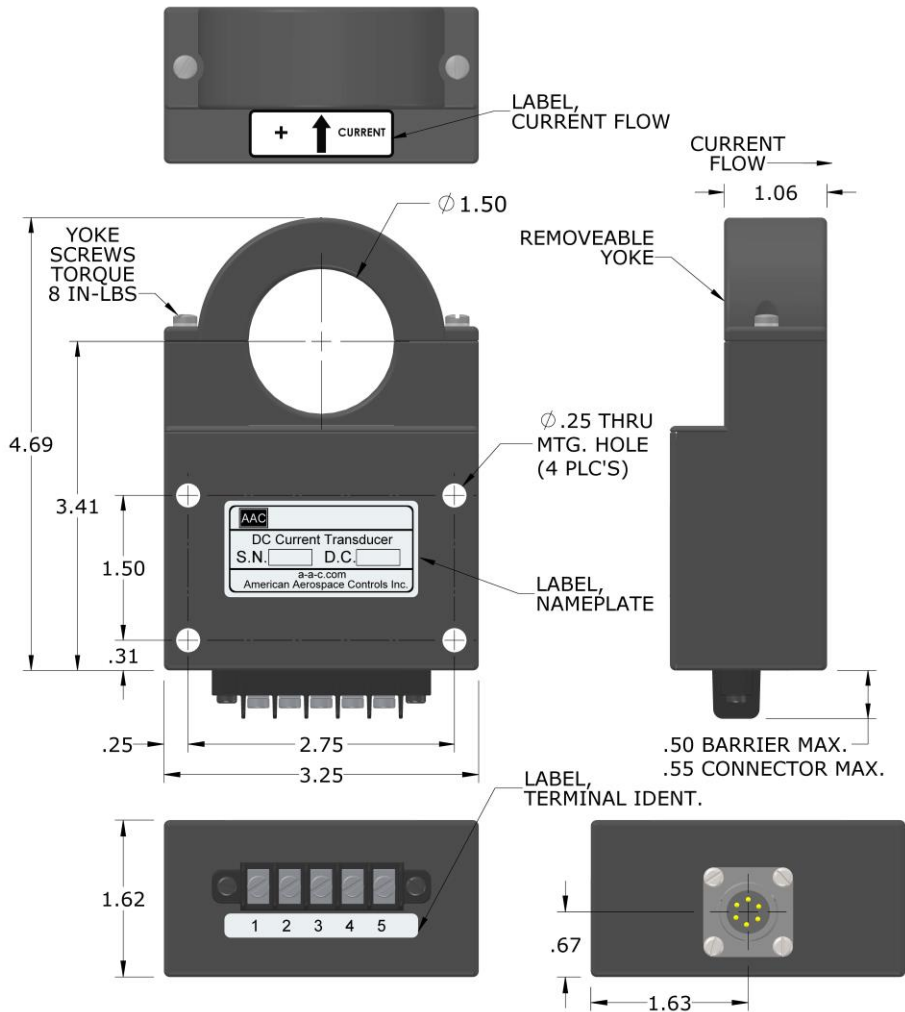
VOLTAGE SIGNAL.....	0 to ±5Vdc FS (Full Scale)
ACCURACY.....	±1% FS
RESPONSE (10 to 90%).....	200 u-sec max.
OUTPUT IMPEDANCE.....	100Ω max.
TEMPERATURE COEFFICIENT.....	±0.05% FS/°C typ
SHORT CIRCUIT DURATION.....	Continuous

POWER SUPPLY

SUPPLY VOLTAGE.....	±15Vdc ±1Vdc
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° to +75°C
STORAGE TEMPERATURE RANGE.....	-55° to +85°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>CONNECTOR</u>	<u>BARRIER</u>		<u>CONNECTOR</u>
CONNECTOR	1	OUTPUT (+)	A
PT02E-10-6P-023	2	OUTPUT (RTN)	B
OR EQUIV.	3	SUPPLY VOLTAGE (+15V)	C
MATING CONNECTOR	4	SUPPLY VOLTAGE (RTN)	D
PT06A-10-6S-424	5	SUPPLY VOLTAGE (-15)	E
		SPARE	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.

AAC	Drawing Number 9000	Rev. G
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