

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

**BIDIRECTIONAL CURRENT TRANSDUCER
SERIES 909M4
REMOVEABLE YOKE TYPE**

MODEL NUMBER *	INPUT RANGE
909M4-150.....	0 TO ±150
909M4-250.....	0 TO ±250
909M4-500.....	0 TO ±500
909M4-750.....	0 TO ±750
909M4-1000.....	0 TO ±1000
909M4-1500.....	0 TO ±1500
909M4-2000.....	0 TO ±2000
909M4-2500.....	0 TO ±2500

INPUT

CURRENT RANGES..... 0 to (FS) Full Scale, See Table
CURRENT OVERLOAD..... 100 times FS

OUTPUT

VOLTAGE SIGNAL..... 0 to ±5Vdc FS
ACCURACY..... ±1% FS
RESPONSE..... 200 μ-sec. max.
TEMPERATURE COEFFICIENT..... ±.05% FS/°C max.
OUTPUT IMPEDANCE..... 100 Ohms max.
OUTPUT SHORT-CIRCUIT DURATION..... Indefinite

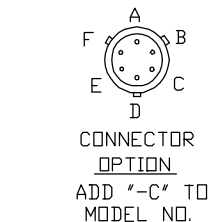
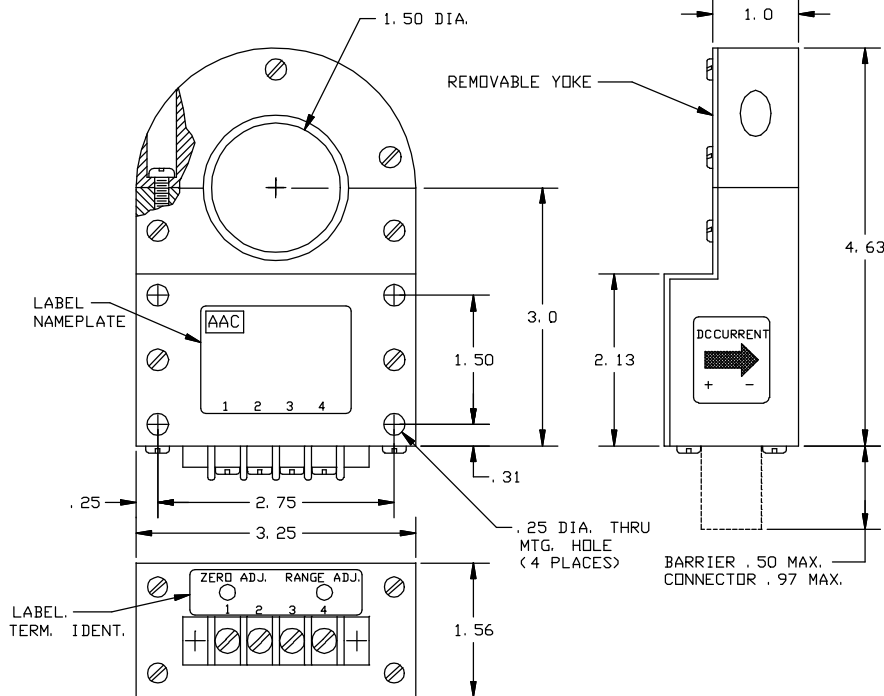
POWER SUPPLY

SUPPLY VOLTAGE..... ±15Vdc ±2Vdc
SUPPLY BURDEN..... +15Vdc 100mA max.
-15Vdc 25mA max.

PROTECTION..... Reverse Polarity Protection

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..... Aluminum Casting
FINISH..... Black Anodize Finish
WEIGHT..... 18 oz.



BARRIER	CONNECTOR
1	OUTPUT SIGNAL (+)
2	SUPPLY & OUTPUT (RTN)
3	SUPPLY VOLTAGE (+)
4	SUPPLY VOLTAGE (-)
	SPARE
	SPARE

BARRIER
MOLDED TERMINAL BARRIER WITH 5-40 TERMINAL SCREWS
AND .375 CENTER DISTANCES. TERMINALS ACCEPT WIRE
SIZE UP TO #16 AWG WITH LUGS TO .281 IN. WIDE.

***NOTE:** SERIES 909M4 NORMALLY SUPPLIED WITH 4 TERMINAL
BARRIER STRIP. AVAILABLE WITH 6 PIN OPTIONAL CONNECTOR PT02E-
10-6P OR EQUIVALENT. ADD LETTER "C" AFTER MODEL NUMBER FOR
CONNECTOR OPTION. (REFERENCE: CONNECTOR MATES WITH PT06A-
10-6S (SR) OR EQUIVALENT).

AAC	Drawing Number 700-909M4	Rev. C
------------	---	-------------------------