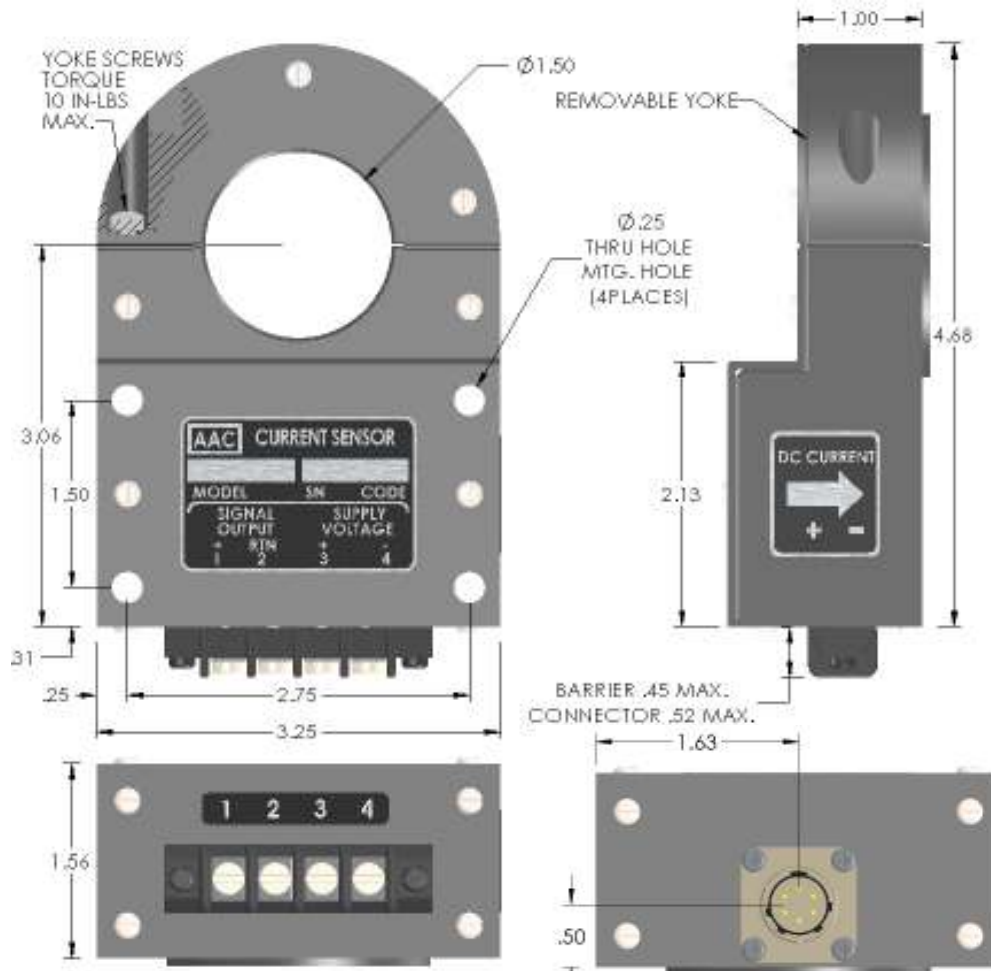


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

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



<u>PART NUMBER</u>	<u>INPUT CURRENT</u>
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 Amps DC, See Table
 CURRENT OVERLOAD 100 times FS
 ISOLATION..... 1KV RMS 60Hz Non-Insulated cable
 5KV RMS with Insulated Cable

OUTPUT
 VOLTAGE SIGNAL 0 to ±5Vdc FS
 ACCURACY ±1% FS
 RESPONSE 200 µ-sec. max.
 TEMPERATURE COEFFICIENT ±.02% FS/°C max.
 OUTPUT IMPEDANCE 100 Ohms max.
 OUTPUT PROTECTION Short circuit continuously

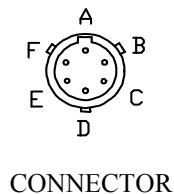
POWER SUPPLY
 SUPPLY VOLTAGE ±15Vdc ±2Vdc
 SUPPLY CURRENT ± 25mA max.
 PROTECTION Reverse Polarity Protection

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS
 OPERATING TEMPERATURE RANGE -40° to +85°C
 STORAGE TEMPERATURE RANGE -55° to +85°C
 ISOLATION..... Input/Output/Case
 Supply & Output RTN's are common
 CASE MATERIAL Aluminum Casting
 FINISH Black Anodize Finish
 WEIGHT 2 lbs. max.

BARRIER STANDARD:
 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.

CONNECTOR OPTION:
 ADD "-C" AFTER PART NUMBER. CONNECTOR TYPE PT02E-10-6P-023 OR EQUIV. MATING CONNECTOR PT06A-10-6S-023.

<u>BARRIER</u>	<u>TERMINAL IDENTIFICATION</u>	<u>CONNECTOR</u>
1	OUTPUT SIGNAL (+)	A
2	SUPPLY & OUTPUT (RTN)	B
3	SUPPLY VOLTAGE (+)	C
4	SUPPLY VOLTAGE (-)	D
NA	SPARE	E
NA	SPARE	F



AAC	Drawing Number 700-909M4	Rev. E
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