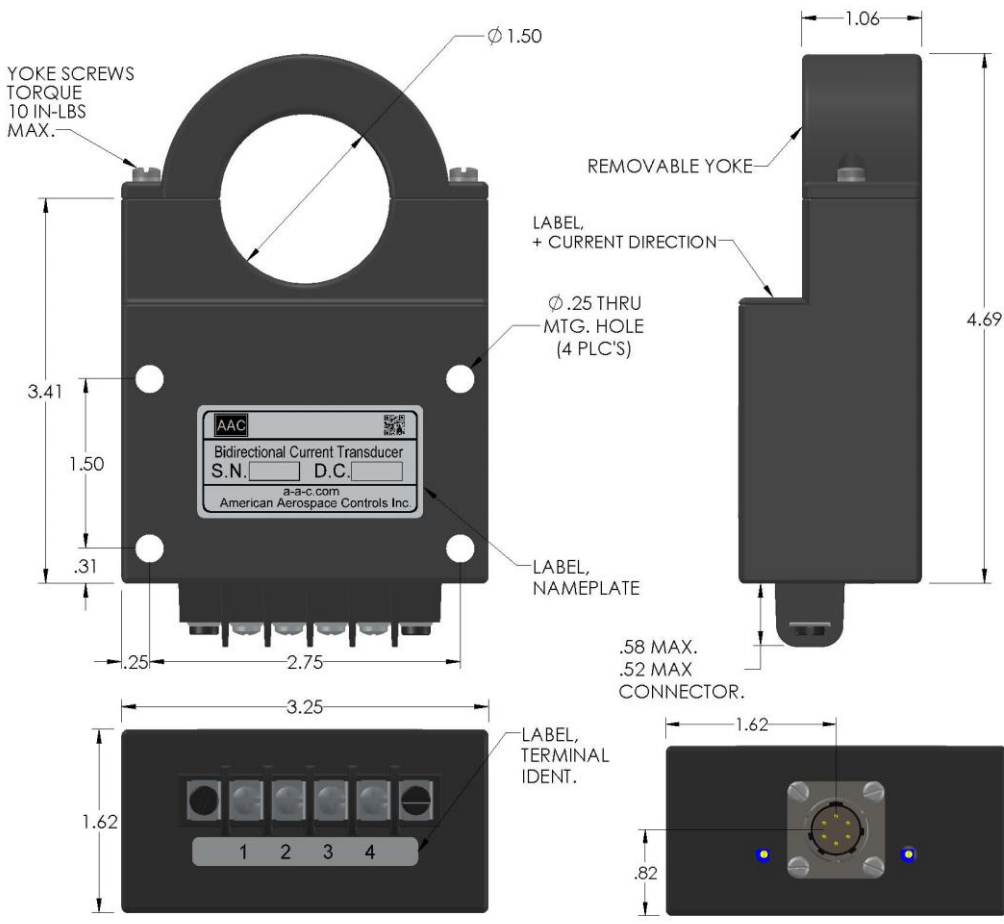


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010



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

PART NUMBER	INPUT CURRENT
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 or +12 to +28Vdc
 SUPPLY CURRENT See Terminal Identification
 PROTECTION Reverse Polarity Protection

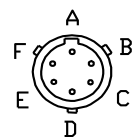
ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS
 OPERATING TEMPERATURE RANGE -40° to +85°C
 STORAGE TEMPERATURE RANGE -55° to +85°C
 ISOLATION Input/Output/Case
 Supply & Output RTN's are common
 CASE MATERIAL (Molded Plastic) UL flammability rating 94V-0
 WEIGHT 17 oz. max.

BARRIER STANDARD:

MOLDED TERMINAL BARRIER WITH 6-32 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-424.



CONNECTOR

TERMINAL IDENTIFICATION

BARRIER	+/-15VDC POWER	+24VDC POWER	CONNECTOR
1	OUTPUT SIGNAL (+)	OUTPUT SIGNAL (+)	A
2	SUPPLY & OUTPUT (RTN)	SUPPLY & OUTPUT (RTN)	B
3	SUPPLY VOLTAGE (+)	SUPPLY VOLTAGE (+)	C
4	SUPPLY VOLTAGE (-)	NOT USED	D
NA	SPARE	SPARE	E
NA	SPARE	SPARE	F

ORDERING INFORMATION

909M4	-	1000	-	C
SERIES		CURRENT RANGE		TERMINATION
				Blank: Terminal Barrier C: Connector

AAC	Drawing Number 909M4	Rev. G
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