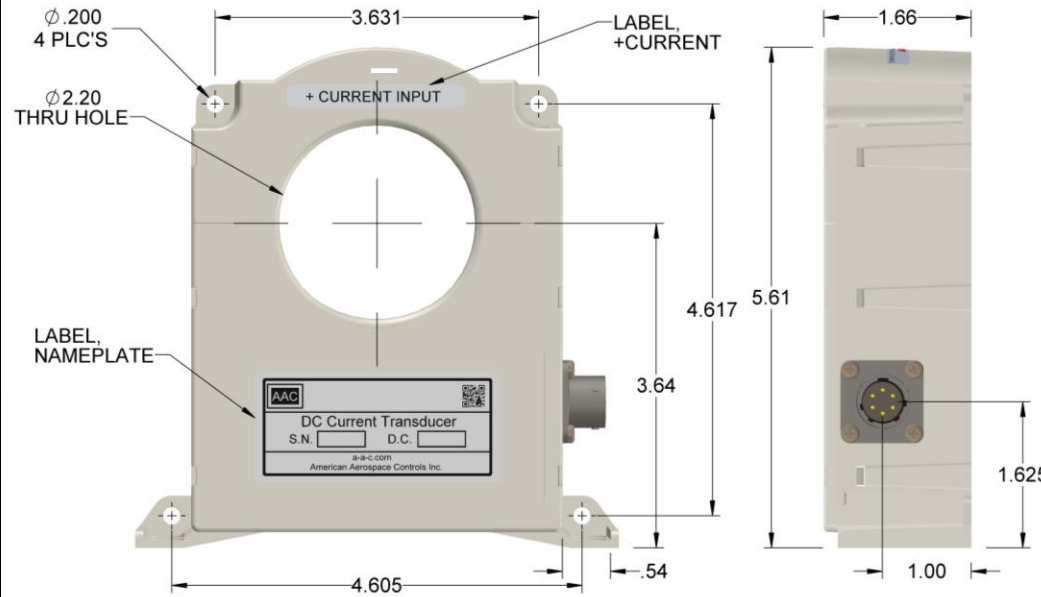
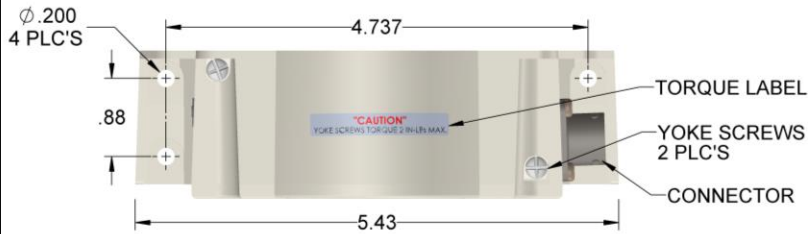


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

**DC CURRENT TRANSDUCER
SERIES S966
REMOVEABLE YOKE TYPE**



RECOMMENDED MOUNTING SCREWS: 10-32 X 1/4" MIN;
TORQUE: 5lb-in; FLAT AND LOCK WASHERS.

PART NUMBER	CURRENT RANGE	PART NUMBER	CURRENT RANGE
S966-500	0 to 500	S966-750	0 to 750
S966-1000	0 to 1000	S966-1500	0 to 1500
S966-2000	0 to 2000	S966-2500	0 to 2500
S966-3000	0 to 3000	S966-3500	0 to 3500
S966-4000	0 to 4000	S966-5000	0 to 5000

INPUT CURRENT

RANGE Adc (See Table)
OVERLOAD 10kAdc

OUTPUT

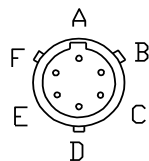
VOLTAGE SIGNAL 0 to 5Vdc FS (Full Scale)
ACCURACY (Over Temperature Range) %1 FS
RESPONSE (10 to 90%) 200 u-sec. max.
OUTPUT IMPRDANCE 20 Ohms max.
VOLTAGE SIGNAL @ OVERLOAD 6.5Vdc typ.
PROTECTION..... Short CKT.

POWER SUPPLY

SUPPLY VOLTAGE +11Vdc to +32Vdc
CURRENT DRAIN..... 20mAdc max.
PROTECTION..... Reverse polarity protected
TRANSIENT PROTECTION..... ±40V (T<10mS)

ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE -40° to +85°C
STORAGE TEMPERATURE RANGE -45° to +91°C
HUMIDITY (Operating) 0% to 95%RH
ISOLATION Input to output 5Kv RMS 60Hz
SHOCK 50g 11m-sec. half sine pulse
INSULATION RESISTANCE 500 M-Ohms @ 500Vdc
DIELECTRIC STRENGTH 5Kvac rms input to output
CASE MATERIAL Molded Plastic meets UL flammability rating 94V-O (color light gray)
WEIGHT 24 oz. Max.



CONNECTOR

P/N PT02E-10-6P-023
MATING CONNECTOR
PT06-10-6S OR EQUIV

CONNECTOR IDENTIFICATION

1. SIGNAL OUTPUT (+)
 2. OUTPUT (RTN)
 3. SUPPLY VOLTAGE (+)
 4. SUPPLY VOLTAGE (RTN)
 5. SPARE
 6. SPARE
- Terminal 2 & 4 are common

NOTE: INTERNAL CIRCUITRY SEALED MAKING
TRANSDUCER WATER SPRAY RESISTANT

YOKE CAPTIVE SCREWS: 8-32 SLOT

TORQUE: 2 in-lb **CAUTION DO NOT EXCEED.**
SCREWDRIVER: 7/32" SLOTTED HEAD
1 1/2" MIN SHAFT LENGTH

AAC	Drawing Number S966	Rev. C
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