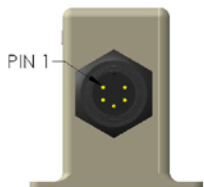
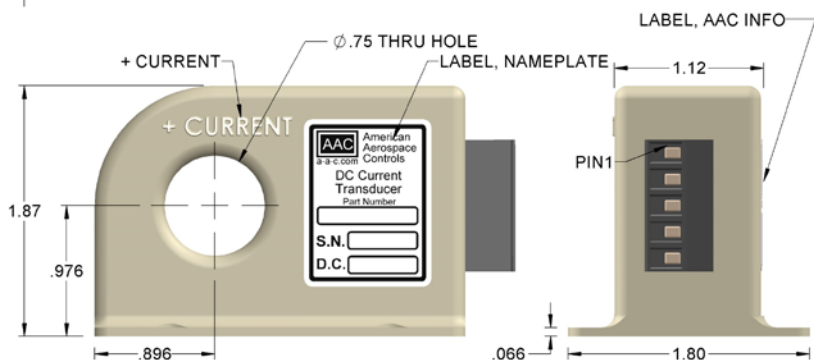
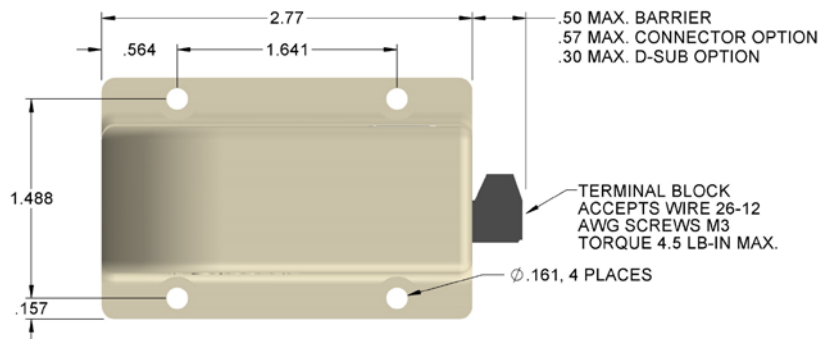
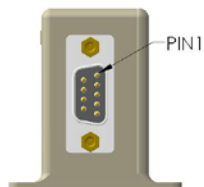


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010

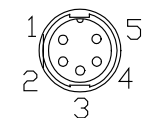
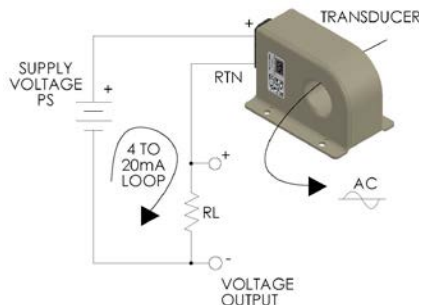
**DC CURRENT TRANSDUCER**  
**4 to 20mA 2 WIRE LOOP POWER**  
**SERIES 915**



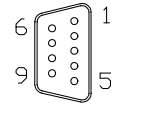
CONNECTOR OPTION  
P/N 7282-5PG-300  
ADD - C TO PART NUMBER  
MATING CONNECTOR  
P/N 6282-5SG-3DC  
MFG. CONXALL



D- SUB CONNECTOR OPTION  
P/N 1486  
ADD - D TO PART NUMBER  
MATING CONNECTOR  
P/N 3322  
MFG. SPC TECHNOLOGY



CONNECTOR



SUB-D CONNECTOR

**TERMINAL IDENTIFICATION**

1. SUPPLY VOLTAGE (+)
2. SUPPLY (RTN)
3. SPARE
4. SPARE
- 5-9. SPARE

PART NUMBER	CURRENT RANGE	ACCURACY 25°C	TEMPERATURE COEFFICIENT
915-5	0 to 5mA	1%	400PPM
915-10	0 to 10mA	1%	300PPM
915-20	0 to 20mA	0.75%	150PPM
915-50	0 to 50mA	0.5%	100PPM
915-100	0 to 100mA	0.5%	100PPM
915-200	0 to 200mA	0.5%	100PPM
915-250	0 to 250mA	0.5%	100PPM
915-500	0 to 500mA	0.5%	100PPM
915-1A	0 to 1A	0.5%	100PPM
915-2A	0 to 2A	0.5%	100PPM

**INPUT**

RANGE ..... See Table Adc  
OVERLOAD CONTINUOUS ..... 25Adc

**OUTPUT**

CURRENT SIGNAL ..... 4 to 20mAdc FS  
ACCURACY ..... See Table %FS (note 1)  
RESPONSE (10 to 90%) ..... 50 m-sec. max.  
LOAD RESISTANCE ..... 250 Ohms Nominal  
LOAD RESISTANCE RANGE ..... 0 to 300 Ohms.  
TEMPERATURE COEFFICIENT ..... See Table PPM Per °C max

**POWER SUPPLY**

SUPPLY VOLTAGE ..... +18Vdc to +34Vdc  
CURRENT DRAIN ..... 25mAdc max.  
PROTECTION ..... Reverse polarity protected  
TRANSIENT PROTECTION ..... ±60V (T<5MS)

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE ..... -40° to +85°C  
STORAGE TEMPERATURE RANGE ..... -55° to +85°C  
HUMIDITY (Operating) ..... 0% to 95%RH  
MOISTURE RESISTANCE ..... MIL-STD-202 Method 106 (note 2)  
RANDOM VIBRATION (Operating) ..... MIL-STD-810F, Proc. 1, Cat. 12, WO=.095G<sup>2</sup>/Hz, Time 1 hr, Fig. 514.5C-8 level 12.G-RMS  
SHOCK (Operating) ..... 50g 11m-sec. half sine pulse  
ISOLATION ..... Input to output 5KV rms 60Hz/1min.  
INSULATION RESISTANCE ..... 500 M-Ohms @ 500Vdc  
CASE MATERIAL ..... CM9004G-30 Molded Plastic meets UL flammability rating 94V-O (color light gray)  
WEIGHT ..... 6 oz. Max.

**NOTE 1:** Specified accuracy includes the combined worst case effects of Zero Offset, Hysteresis, Supply Swings and Current Cable Positioning.

**NOTE 2:** Meets Specified Moisture requirements with option C & D only.

**NOTE 3:** Recommended mounting hardware; #6 screw, #6 split lock washer and #6 flat washer. Torque Maximum 10 in-lb.

<b>AAC</b>	<b>Drawing Number</b> <b>915</b>	<b>Rev.</b> <b>D</b>
------------	-------------------------------------	-------------------------