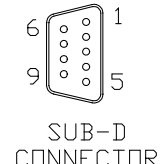
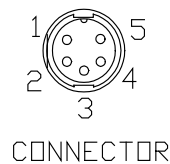
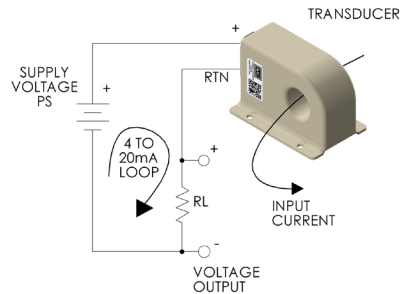
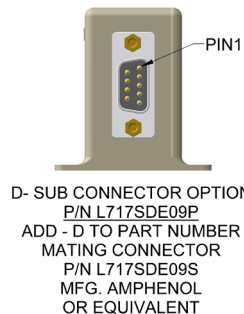
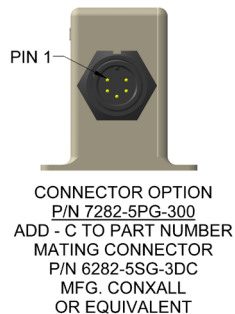
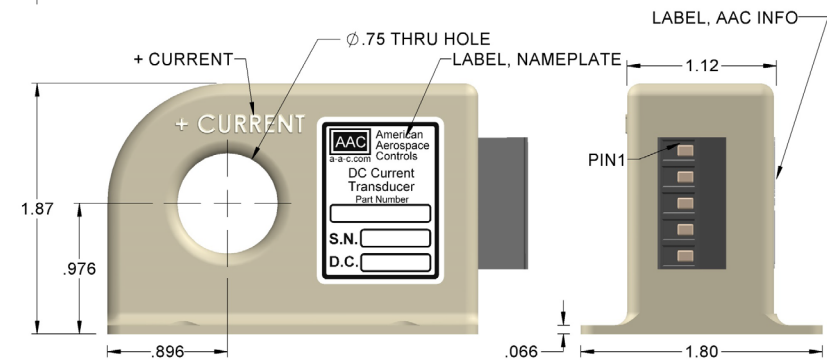
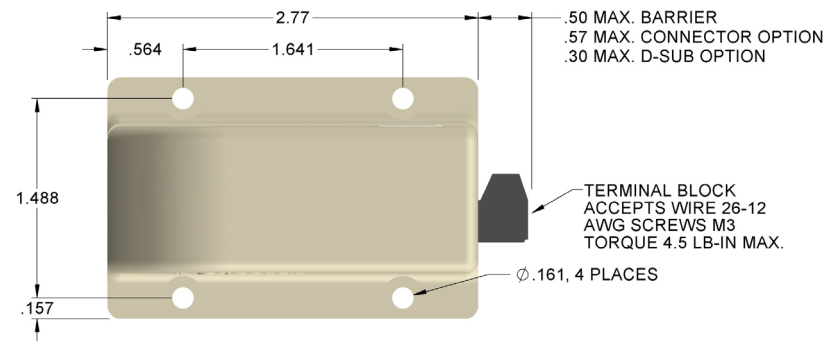


Dimensions in Inches, Tolerances: .XX ± .03 .XXX ± .010



TERMINAL IDENTIFICATION

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

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

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 ² /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.

AAC

Drawing Number
700-915

Rev.
F