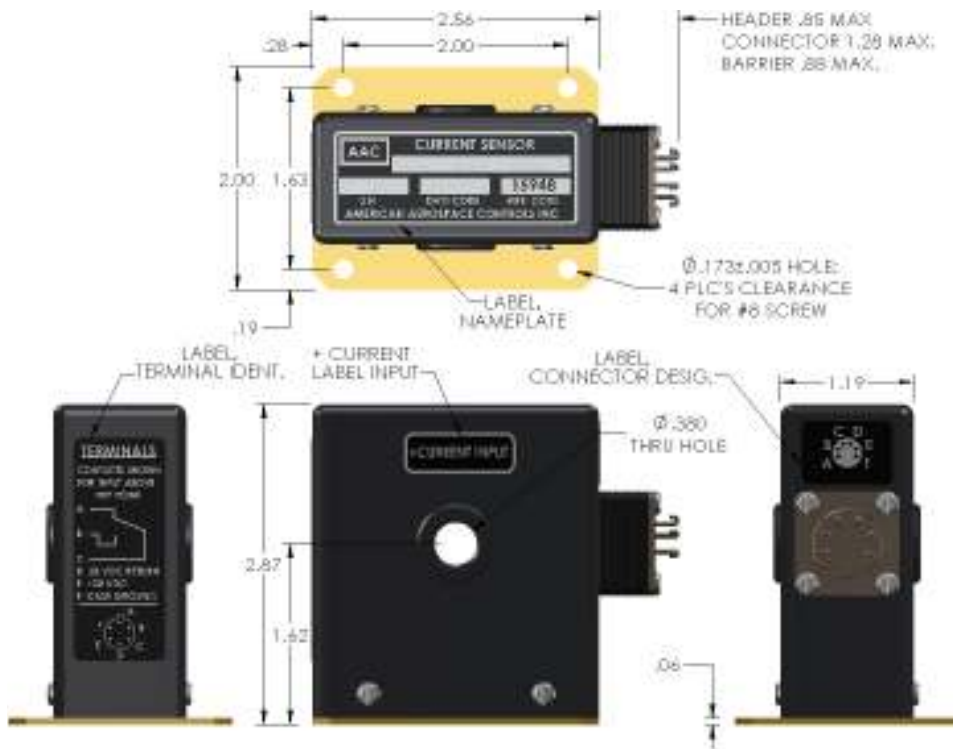


**DC CURRENT LEVEL DETECTOR  
PART NUMBER S201-800**



**INPUT**

RANGE..... 0 to 100Adc

**OUTPUT**

RELAY CONTACT (SPDT)..... Energized at & above set point  
 CONTACT RATING..... 1 Amp Resistive @ 28V or 5V  
 400 Hz 200mA Inductive 100Ma Lamp  
 TRIP POINT (AS CURRENT DECREASE) ..... 1Adc ±0.15Adc  
 TRIP POINT REPEATABILITY ..... ± .02Adc  
 RESET ..... Automatic when input current rises  
 approximately 0.15Adc above trip point  
 RESPONSE TIME ..... 200 m-sec max.  
 OUTPUT ISOLATION..... 350V RMS @ sa level

**POWER SUPPLY**

SUPPLY VOLTAGE ..... 28Vdc, nominal  
 CURRENT DRAIN ..... 70mA max.  
 REVERSE POLARITY PROTECTION..... 100µA max. current drain without damage

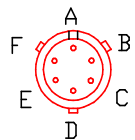
**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE ..... -55°C to +70°C  
 STORAGE TEMPERATURE RANGE..... -55°C to +85°C  
 DIELECTRIC STRENGTH..... 350V RMS MIL-STD-202 Method 301  
 MOUNTING ..... Rigid in any position  
 INSULATION RESISTANCE ..... 200 M-Ohms min. MIL-STD-202 Method 302  
 Test Condition A  
 WEIGHT ..... 16 oz. max. (1 oz mating connector)



**CONNECTOR OPTION**

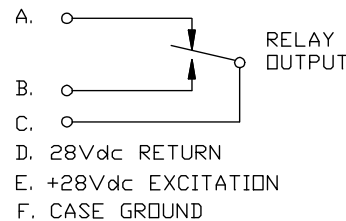
ADD "-C" TO PART NO.  
 CONN. P/N PT02E-10-6P-023  
 MATING CONN. PT06A-10-6S OR EQUIV.



**BARRIER OPTION**

ADD "-B" TO PART NO.

**TERMINAL IDENTIFICATION**



CONTACTS SHOWN WITH INPUT  
 CURRENT ABOVE TRIP POINT  
 (RELAY ENERGIZED)

<b>AAC</b>	<b>Drawing Number 700-S201-800</b>	<b>Rev. Q</b>
------------	--	-------------------