BIDIRECTIONAL CURRENT TRANSUDER
SERIES 929

**PART NUMBER** | **CURRENT RANGE**
---|---
929-50 | 0 to ±50
929-75 | 0 to ±75
929-100 | 0 to ±100
929-150 | 0 to ±150
929-200 | 0 to ±200
929-250 | 0 to ±250
929-300 | 0 to ±300
929-400 | 0 to ±400

**INPUT RANGE**
See Table Adc or AC Peak

**OVERLOAD CONTINUOUS**
±5000Adc

**FREQUENCY RANGE**
DC to 350KHz

**OUTPUT VOLTAGE SIGNAL**
0 to ±5Vdc FS

**ACCURACY (Over Temperature Range)**
±1% FS, ±2% FS for 50 & 75A Range (note 1)

**RESPONSE (10 to 90%)**
1 u-sec. max.

**LOAD RESISTANCE**
5k Ohms min

**OUTPUT PROTECTION**
Short Circuit

**POWER SUPPLY**
- Supply Voltage: +10Vdc to +34Vdc
- Current Drain: 8mA dc max.
- Protection: Reverse polarity protected
- Transient Protection: ±60V (T<5mS)

**ENVIRONMENTAL AND PHYSICAL CHARACTERISTICS**

**OPERATING TEMPERATURE RANGE**
-40°C to +85°C

**STORAGE TEMPERATURE RANGE**
-55°C to +125°C

**HUMIDITY (Operating)**
0% to 95% RH

**MIL-STD-202 Method 106 (note 2)**

**RANDOM VIBRATION (Operating)**
MIL-STD-810F, Proc.1, Cat.12, WO=.095G²/Hz, Time1 hr, Fig. 514.5C - 8 Overall level 12.G-RMS

**SHOCK**
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, Temperature, 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.