

ADM211 Thermocouple Transmitter with Dual Outputs

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any BS4937 Thermocouple
- Supply voltages:
 - 115Vac $\pm 20\%$
 - 240Vac $\pm 20\%$
 - 24Vdc $\pm 2.5V$
 - 48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any signal developed from a thermocouple greater than 4mV.

Output

Any standard process current or voltage.
 The outputs may be different.
 Current source up to 20mA. Drive voltage 2 x 12V
 Voltage source up to 10V. Max current 20mA

Isolation

1000V RMS*. Input/Output/Supply/Earth
 *(500Vdc if RFI option (K) is specified)
 Linearity $< \pm 0.1\%$

Environmental Conditions

Storage Temperature: -40 to 70°C
 Operating Ambient: -15 to 55°C
 Relative Humidity: 5 – 95% RH

Input Load / Output Drive

Typical Inputs

0-1000°C Type K

Typical output

Current 4-20mA max load 550Ω
 Voltage 0-10Vdc min load 500Ω

Dimensions

50w x 75h x 110d (mm)

