

## ADM212 Thermocouple Trip Transmitter

- ★ Suitable for any BS4937 Thermocouple
- ★ Supply Voltages     115Vac +/-20%  
                              230Vac +/-20%  
                              24Vdc +/-2.5V
- ★ RFI Protection to IEC801-3. Available
- ★ Amelec Standard 10 year guarantee

### Technical Specifications

#### Input

Any signal developed from a thermocouple greater than 4mV

#### Analogue Output

Any standard process current or voltage  
Current source upto 20mA. Drive voltage 11Vdc  
Voltage source upto 10V. Max current 20mA  
Trip Output is a set of changeover contacts, rated at 250VAC, 2A, 100VA (resistive).

#### Isolation

1000V RMS.\* Input/Output/Supply/Earth  
★ 500V DC If RFI option (K) is specified

Linearity +/- 0.1%

#### Environmental Conditions

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

#### Input Load / Output drive

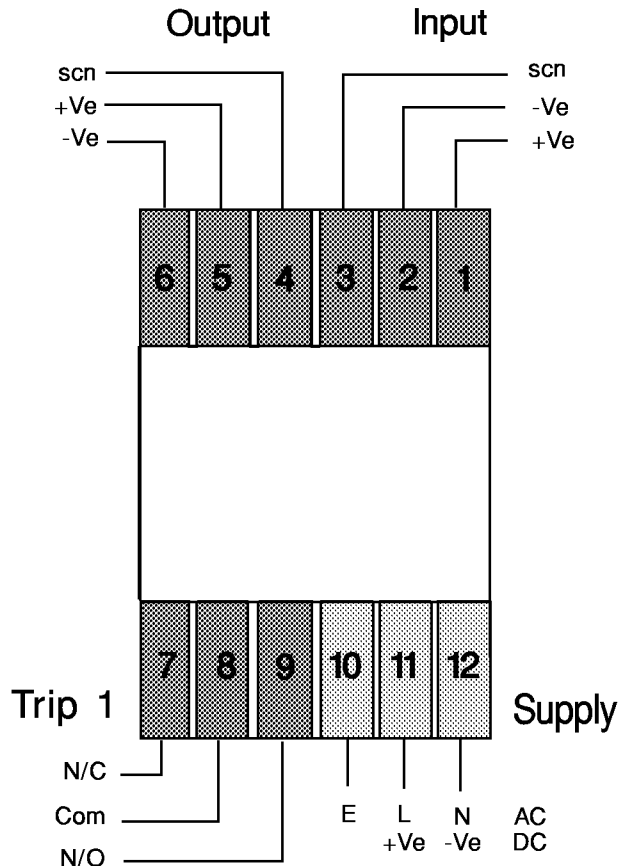
#### Typical input

(1) 0-1000C Type "K"

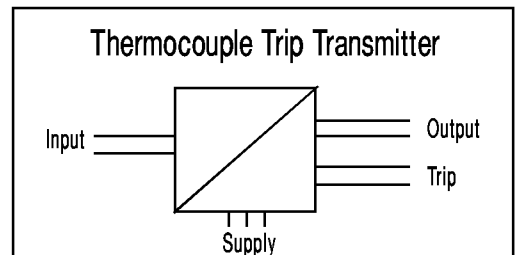
#### Typical output

(2) Current 4-20mA max load 550 ohms  
Voltage 0-10Vdc min load 500 ohms

### WIRING



W-50 H-75 D-110 (mm)



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