

ADM210X-4 Multi-Output Signal Converter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process inputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

mV signal developed from any thermocouple type.
Automatic cold junction compensation fitted as standard.

Output

Up to 4 Outputs available
Any standard process current or voltage
Current source up to 20mA @12V
Voltage source up to 10V @20mA max

Isolation

1000V RMS. Inputs/Outputs/Supply
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 Input

0-250°C, TC Type K

Typical Output

Current 4-20mA max load 500Ω
Voltage 1-5Vdc min load 250Ω

Dimensions

152w x 81h x 137d (mm)

