

ADM212GX1 Thermocouple Trip Transmitter

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

Environmental Conditions

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

Performance (Span 0-1000°C)

Output non-linearity: $\pm 2C$
Trip repeatability: $\pm 0.1\%$
Response time: <400ms

Technical Specifications

Input

Any signal developed from a thermocouple greater than 4mV. Cold junction provided.

Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 20Vdc
Voltage source up to 10V. Max current 20mA.

Contact Output

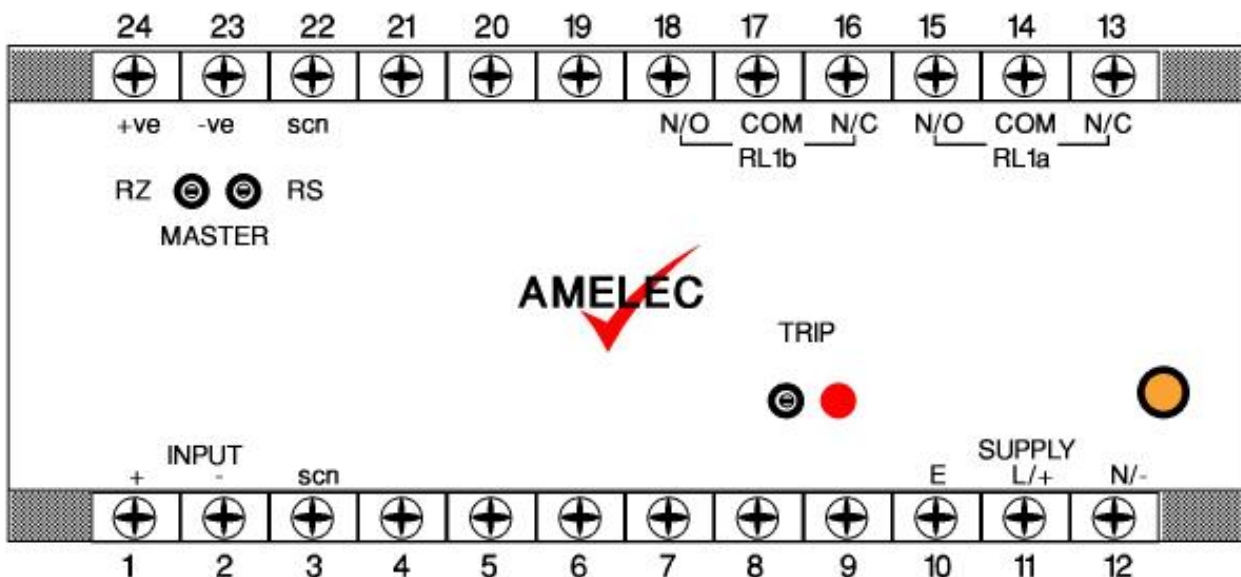
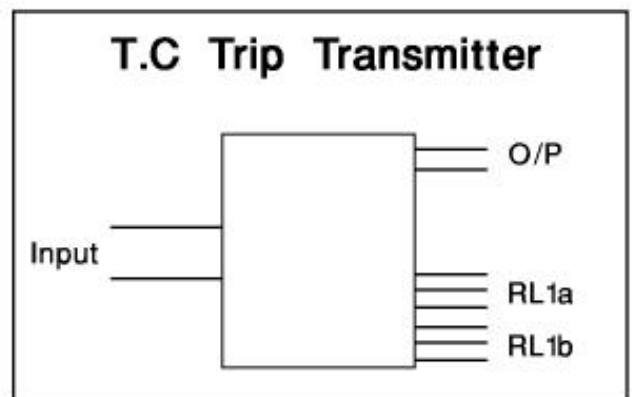
In a typical high trip application, the trip will change state when the input exceeds the level set on TRIP and return to normal when it falls 1% below it.

Isolation

1000V RMS. Input/Output/Contacts/Supply/Earth

Dimensions

152w x 81h x 137d (mm)



Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ