

ADT122-4 Wire RTD Trip Amplifier

- Suitable for SIL 1, 2 & 3 applications
- Suitable for 4 wire resistance temperature sensor
- 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
- Digital Indication available

Technical Specifications

Input

4 wire resistance temperature sensor.
(PT100 or PT1000 available on request)

Output

In a typical high trip application, the trip will change state when the input exceeds the level set on TRIP 1 and return to normal when it falls 1% below the level set on TRIP 1. Similarly for TRIP 2.

Isolation

1000V RMS*Input/Contacts/Supply/Earth
*(500Vdc if RFI option (K) is specified)

Environmental Conditions

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

Input Load / Output Capacity

Input

Minimum Input span 10Ω

Output

2 x SP/DT 250VAC 2A 100VA (resistive)

Dimensions

50w x 75h x 110d (mm)

WIRING

