

ADT122DI(BI)(V)(X)(K) 4-Wire RTD Trip Amplifier with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for 2, 3 or 4 wire resistance
- 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

From 4 Wire RTD with a span greater than 50°C

Outputs

Each Trip output has a set of changeover contacts, rated at 250VAC, 3A, 100VA (resistive).

Red LED indication of Relay status standard (Red/Green BI-colour LED optional)

Display of the I/P Temperature on a 3½ digit LCD

Front facia Read buttons show the trip set point

Calibration Range: -1999 to +1999

Isolation

1000V RMS*Input/Contacts/Supply/Earth

*(500Vdc if RFI option (K) is specified)

I/P O/C response UPSCSALE as standard

Fail safe on loss of power

Performance

Deadband: 1% standard (variable 1-20% optional)

Trip settability: $\pm 1\%$

Trip repeatability: $\pm 0.1\%$

Response time: <400mS

Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

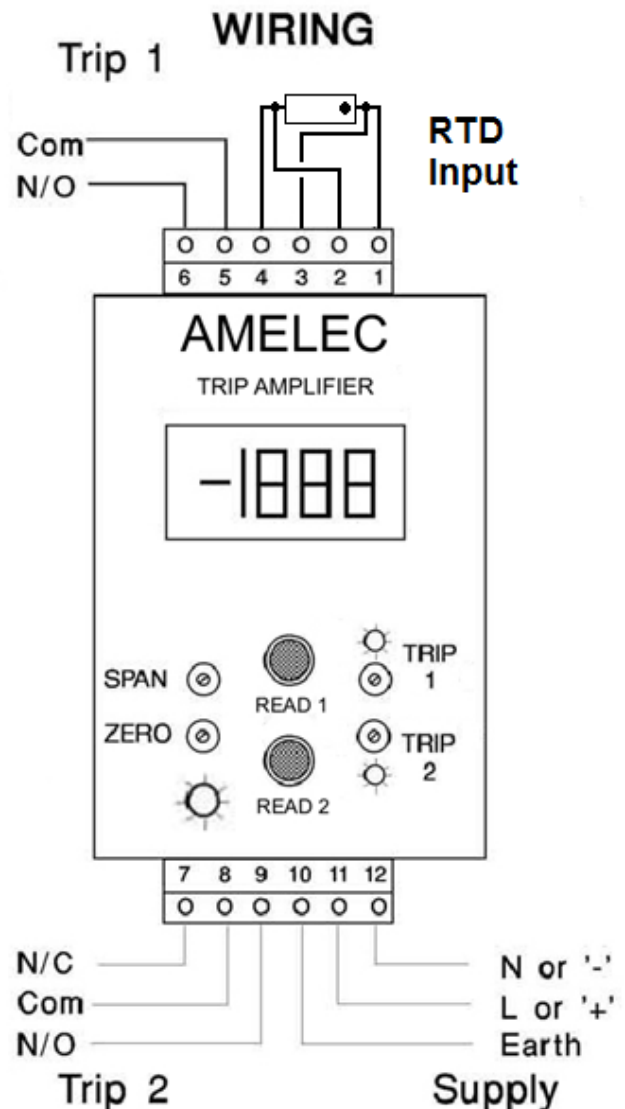
Relative Humidity: 5 – 95% RH

Mounting/Dimensions

50w x 75h x 145d (mm)

RFI 'K' option = 182d (mm)

Standard DIN Rail or Surface Keyhole plate and Front Panel options available.



Customer Termination

Fixed screw terminals as standard (Plug-in terminals optional)

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