

ADM221 RTD Transmitter with Dual Outputs

- ★ Suitable for BS1904 2, or 3 Wire RTD
- ★ Supply Voltages 115Vac ±20%
 230Vac ±20%
 24Vdc ±2.5V
- ★ RFI Protection to IEC801-3 available
- ★ Amelec Standard 10 year guarantee

Technical Specifications

Input

From a 2 or 3 wire RTD with a span greater than 50C

Output

Any standard process current or voltage
(The outputs may be different)

Current source upto 20mA. Drive voltage 2 x 12V

Voltage source upto 10V. Max current 20mA

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°C

Operating Ambient -15 to 55°C

Relative Humidity 5-95 % RH

Input Load / Output drive

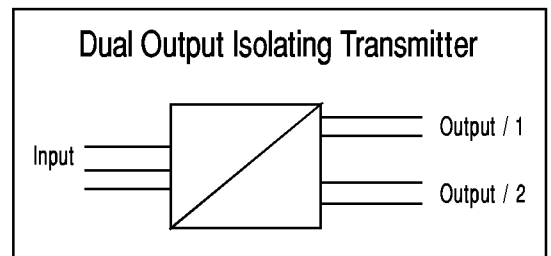
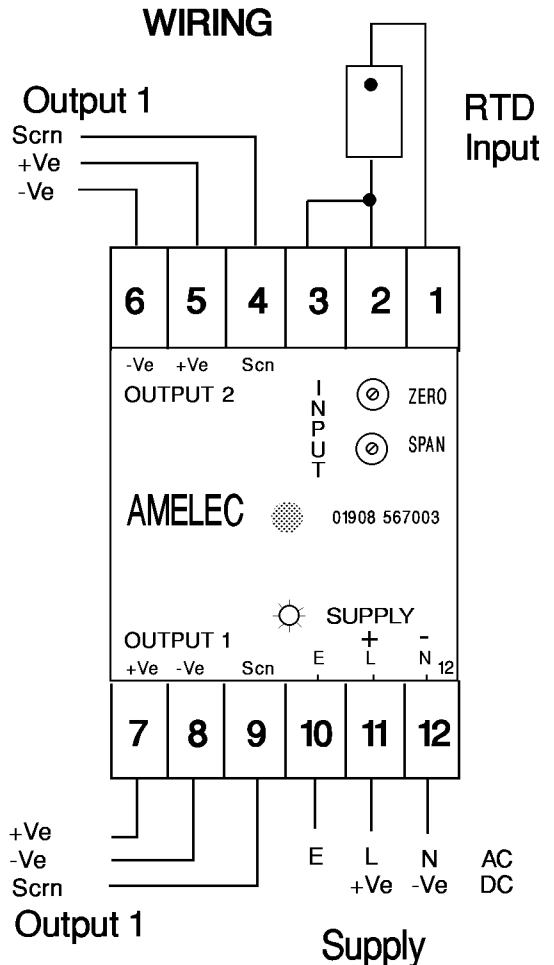
Typical input

0-100°C 3 Wire RTD

Typical output

Current 4-20mA max load 500Ω

Voltage 1-5Vdc min load 250Ω



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