

AMELEC

SIGNAL CONDITIONING

ADM220 RTD Transmitter

- ★ Suitable for BS1904 2, or 3 Wire RTD
- ★ Supply Voltages
 - 115Vac \pm 20%
 - 240Vac \pm 20%
 - 24Vdc \pm 2.5V
- ★ RFI Protection to IEC801-3 available
- ★ Amelec Standard 10 year guarantee

Technical Specifications

Input

From 2, 3 or 4 Wire RTD with a span greater than 50°C
(Please specify 4 wire if required)

Output

Any standard process current or voltage
Current source upto 20mA. Drive voltage 24Vdc
Voltage source upto 10V. Max current 20mA

Isolation

1000V RMS. Input/Output/Output/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 Signal / Output drive

Typical input

0-100°C 3 Wire RTD

Typical output

Current 4-20mA max load 1200Ω
Voltage 1-5Vdc min load 250Ω

WIRING

