

AEC220AC/DC RTD Signal Transmitter

- Suitable for combinations of Process Inputs & Outputs
- True universal AC/DC supply voltage 21V through 265V AC/DC

Technical Specifications

Input

Any 2 or 3 wire RTD or Resistance change.
Typical Input: 0-100°C PT100 3 wire.

Output

The standard output signal is 4-20mA, other ranges are available on request.

The current source can be up to 20mA with a drive voltage of 13V. The voltage source can be up to 10V's, maximum drive 20mA.

The output current is configured as a source port as standard but on request can be configured as a sink port up to 22mA @ 30V max.

Other Outputs

0-10mA, 0-20mA, 1-5mA, 0-2V, 0.4-2.0V, 1-5V, 2-10V, 0-10V

Accuracy/Linearity

Accuracy: $\leq \pm 0.1\%$

Linearity: To temperature for some unusual ranges may vary. For further details please contact our technical sales with your range.

Supply

Burden on 24Vdc supply 50mA

Burden on ac supply 1W

Isolation

1000Vdc 3 Port Isolation: Input/Output/Supply

Environmental Conditions

Storage Temperature: -20°C to +70°C

Operating Ambient: 0°C to +55°C

Relative Humidity: 5% to 95% RH

Dimensions

H: 75mm W: 22.5mm D: 105mm

