

AEC210G Thermocouple Transmitter

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

Technical Specifications

Input

Any type K, J or T Thermocouple.
Minimum span 5mV.
Automatic cold junction compensation.

Other Inputs

Other thermocouple types available on request.

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.

Other Outputs

0-10mA, 0-20mA, 1-5mA, 0-2V, 0.4-2.0V, 1-5V, 2-10V, 0-10V
The output current is configured as a source port as standard but on request can be configured as a sink port for up to 22mA @ 30V max.

Supply

Burden on 24Vdc supply 50mA
Burden on ac supply 1W

Isolation

1000Vdc 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

