

AEC210AC/DC 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 Range.
 Minimum span 5mV
 Automatic cold junction compensation

Other Inputs

Other thermocouple type 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

Supply

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

Isolation

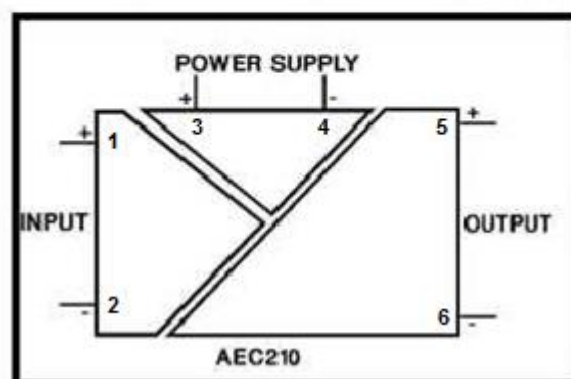
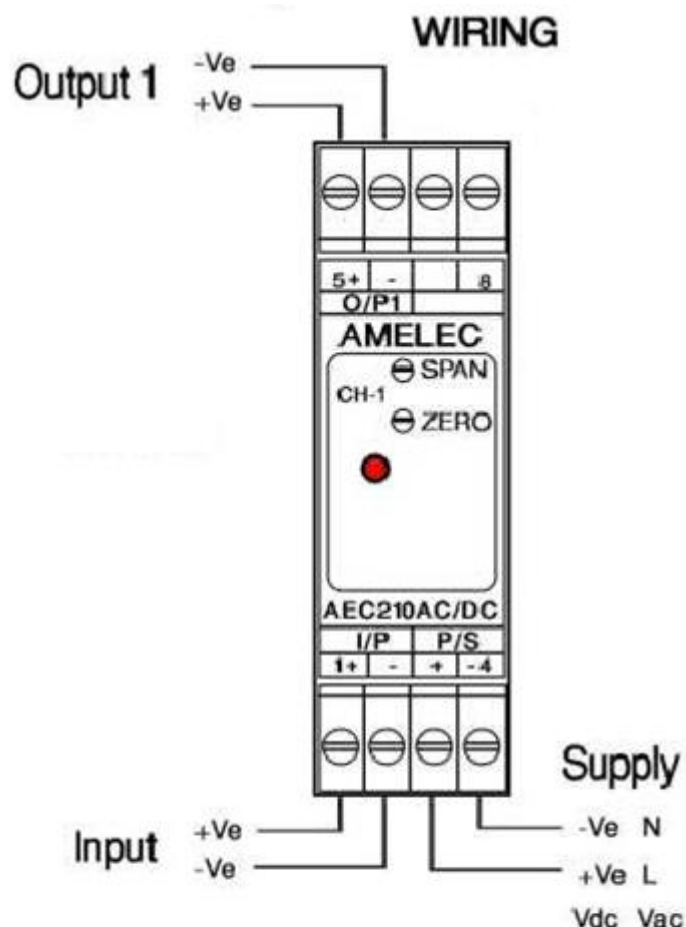
1000Vdc Input/Output/Supply

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



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