

AEC212AC/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

Analogue Output

The standard output signals are 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.

Relay Output

Trip gives set of change over contacts, rated at 250V AC 2A, 100Va resistive. Green LED replay / Trip status indicator. Trip set by 15 turn potentiometer. Trip set point (SP) to monitor trip setting. 4-20mA = 0.2 to 1V reference to input 0V. Hysteresis set by 15 turn potentiometer (1 to 5%).

Jumper setting

User friendly DIL switch / Jumper links to change original factory settings.

1. Relay Output: N/C or N/O (J6A)
2. Trip on High or Low. (S1)
3. Relay normally energised or de-energised (S3)

Supply

Burden on supply 2W

Isolation

1000Vdc Input/Output1/Output2/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

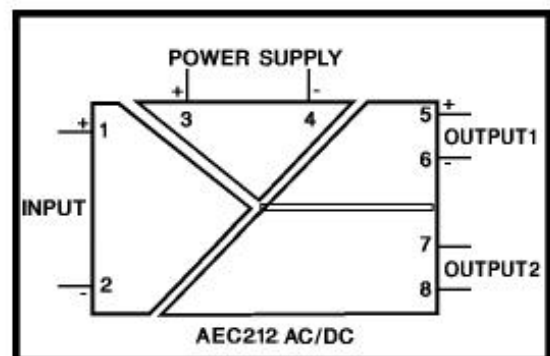
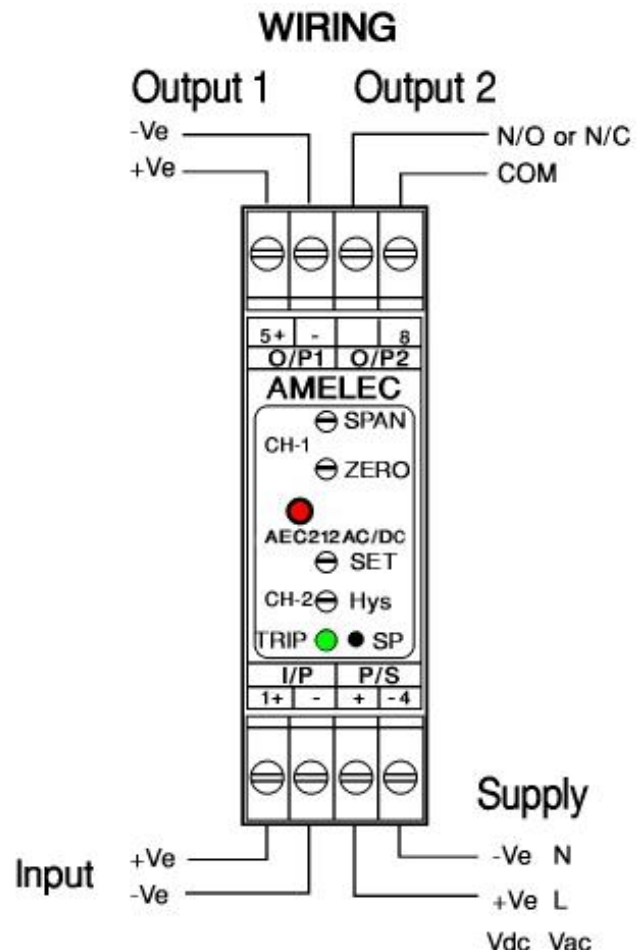
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Trip mode	S1	LO	HI	LED mode	S3	N- ENG	N- DE ENG
	1	OFF	ON				
	2	ON	OFF		1	OFF	ON
	3	ON	OFF		2	ON	OFF
	4	OFF	ON		3	ON	ON
					4	OFF	OFF