

AEC250 AC Signal Transmitter / Isolator

- Suitable for combinations of AC V/I Input Signals & DC V/I Loop Outputs
- True universal AC/DC supply voltage (21V through to 265V AC/DC)

Technical Specifications

Input

Any Sinusoidal AC Voltage or Current signal.
Voltage span range from 1V up to 250V Max
Current span range from 1mA to 200mA Max.
Frequency range up to 400Hz.

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 (max load 650ohms)
The voltage source can be up to 10Vdc, (min load 500ohms for 0-10Vdc output).

Other Output options available:

0-10mA, 0-20mA, 1-5mA, 0-2Vdc, 0.4-2.0Vdc, 1-5Vdc, 2-10Vdc, 0-10Vdc
The output current is configured as a Source port as standard.
(Passive/Sink output port option is available)

Supply

Typical Burden on 24Vdc supply <1.3W Max
Typical Burden on AC supply range 3W

Isolation

1000V RMS 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

Mounting/Dimensions

Din Rail (TS35) Enclosure
Dimensions: 22.5w x 75h x 105d mm

