ETISO

ANALOG SIGNAL ISOLATION MODULE

FEATURES:

- Small Size, DIN Mount
- Three Way Isolation
- 24-48VAC/VDC Power Supply
- Voltage or Current Input
- Voltage and Current (Sourcing) Output

APPLICATION:

The ETISO module is ideal for analog signal isolation, especially to avoid ground loop problems.

This product offers an economical alternative to industrial devices while interfacing a generic control system with third party equipment such as chillers, variable speed drives, telecom DC equipment, etc.

SPECIFICATIONS:

Power: 24-48 VDC (or 24VAC)

Input: Voltage 0-50mV, 0-5 or 0-10 VDC (factory configured)
Current 4-20 mA (sinking)
Bandwidth - maximum 1 kHz

Output: 0-10 VDC & 4-20 mA (simultaneous).
(2-10VDC output in case of 4-20mA input)

Accuracy: > 0.3%

Isolation: 1000 VDC (minimum), Three-Way:
Power Supply-Input
Power Supply-Output
Input-Output

PRODUCT DESCRIPTION:

The ETISO module is a precision analog signal isolator. It utilizes state-of-the-art specialized circuitry to provide accurate, drift free optical signal conversion. The board contains an isolated power supply that provides power to both the input and output circuitry while maintaining isolation between all circuits.

The ETISO can be factory calibrated to accept voltage <u>or</u> current loop input signal. It outputs both voltage (0-10VDC) and current (4-20mA) simultaneously.

The board mounts on most DIN rail styles using the attached universal DIN mounting foot.

ORDERING INFORMATION:

ETISO-V - Voltage Input (0-10VDC standard unless otherwise specified)

ETISO-A - Current (4-20mA) input