

ADM230X-4 (formerly ADM231X-4) Multi Channel Signal Isolator

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input & output
- Supply voltage: 24Vdc or 48Vdc ($\pm 10\%$)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Up to 4 inputs, any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

Output

Up to 4 Outputs available, 1 repeat signal per input.

Any standard process current or voltage,

Current source up to 20mA @12V

Voltage source up to 10V @20mA max.

Isolation

1000V RMS. Input-Inputs/Outputs-Outputs/Supply

Dimensions

152w x 81h x 137d (mm)

Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

Input Load / Output Drive (per channel)

Typical Input

Current 4-20mA 20 Ω

Voltage 1-5Vdc 1M Ω

Typical Output

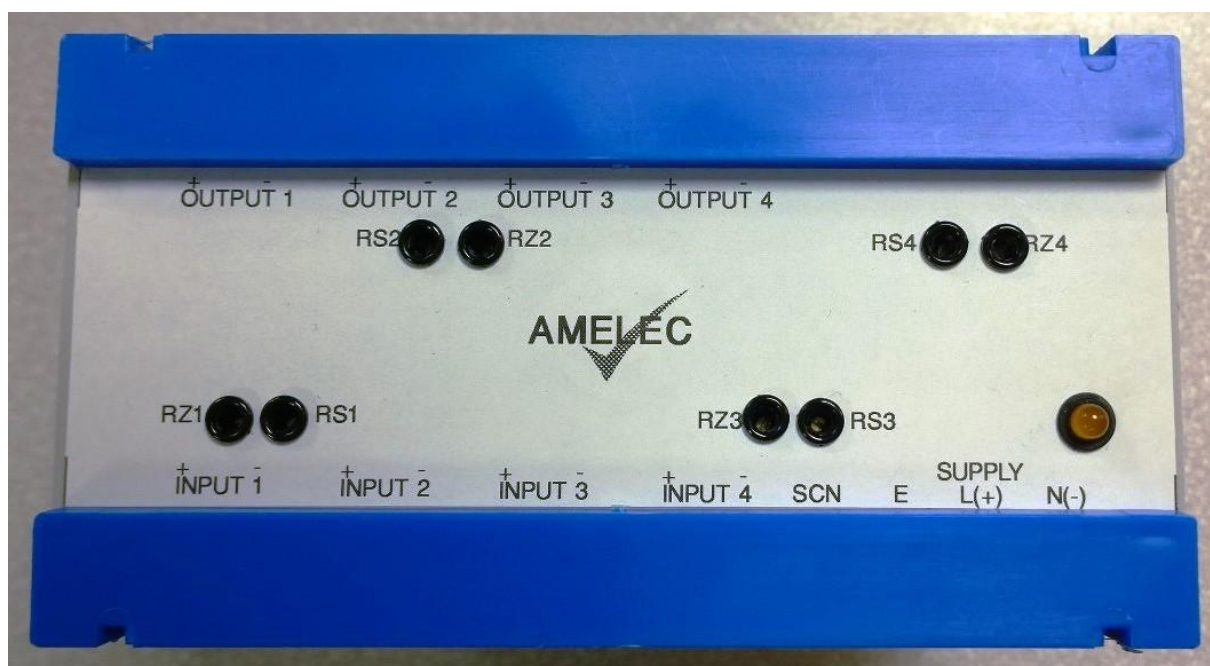
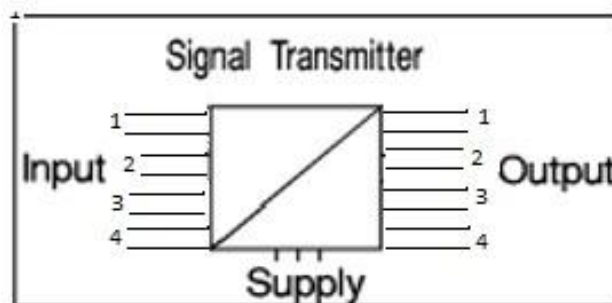
Current 4-20mA max load 500 Ω

Voltage 1-5Vdc min load 250 Ω

Accuracy/Linearity: $< \pm 0.1\%$

Note

In addition to having multi-channel devices, it is possible to incorporate a trip function within this



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