

ADM231X-4 Multi Output Signal Isolator/Splitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input & output
- Supply voltage: 24Vdc $\pm 2.5V$ only
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

Output

Up to 4 Outputs available

Any standard process current or voltage

Current source up to 20mA @12V

Voltage source up to 10V @20mA max

Isolation

1000V RMS. Input/Outputs-Outputs/Supply
Accuracy/Linearity $< \pm 0.1\%$

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

Typical Input

Current 4-20mA 20 Ω

Voltage 1-5Vdc 1M Ω

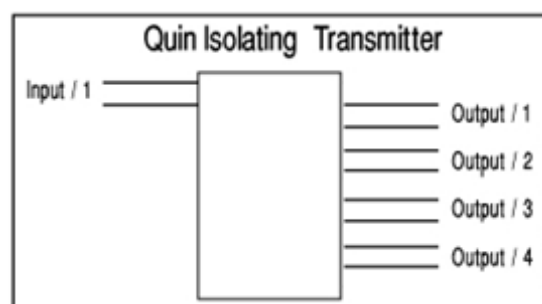
Typical Output

Current 4-20mA max load 500 Ω

Voltage 1-5Vdc min load 250 Ω

Note

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



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