

ADM230X-4 Multi-Signal Isolator/Converter

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

Environmental Conditions

Storage Temperature: -40 to 70°C
 Operating Ambient: -15 to 55°C
 Relative Humidity: 5 – 95% RH

Technical Specifications

Input

Up to 4 Inputs available.
 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(s)/Output(s)/Supply/Earth
 Linearity $< \pm 0.1\%$

Typical Input

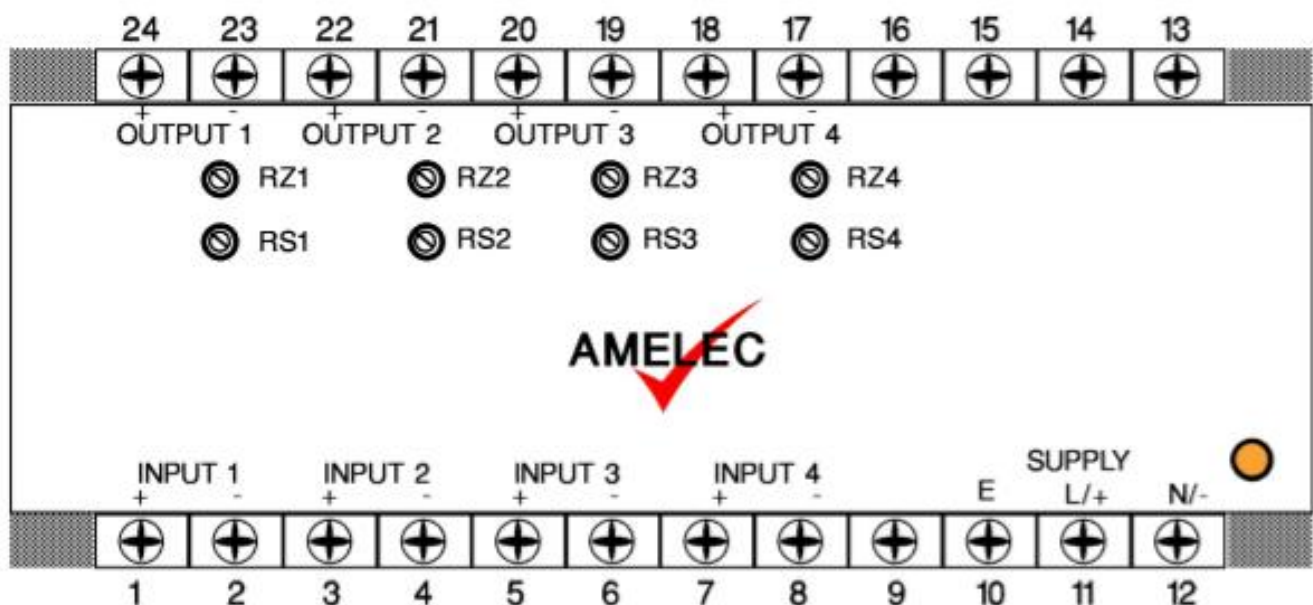
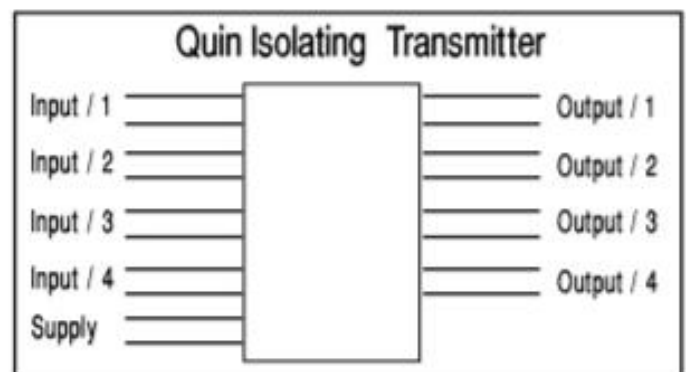
Current 4-20mA 20 Ω
 Voltage 1-5Vdc 1M Ω

Typical Outputs

Current 4-20mA max load 500 Ω
 Voltage 1-5Vdc min load 250 Ω

Dimensions

152w x 81h x 137d (mm)



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