

ADM231X-12 Process Signal Splitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- AMELEC Standard 10 year warranty

Environmental Conditions

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

Typical Input

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

Technical Specifications

Input

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

Output

Any standard process current or voltage
(The outputs may be different)
Current source up to 20mA. Drive voltage 24Vdc
Voltage source up to 10V. Max current 20mA

Isolation

1000V RMS. Input/Output(s)/Supply/Earth
Linearity $< \pm 0.1\%$

Typical Outputs

Current 4-20mA max load 1200 Ω
Voltage 1-5Vdc min load 250 Ω

Dimensions

152w x 81h x 137d (mm)

