

ADM231 Process Signal Transmitter

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any process input
- Supply voltage: 24Vdc $\pm 2.5V$ only
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications (per channel)

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
Current source up to 20mA. Drive voltage 11Vdc
Voltage source up to 10V. Max current 20mA

Isolation

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

Environmental Conditions

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

Typical Output

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

Dimensions: 50w x 75h x 110d (mm)

