

ADM231M Transmitter - Excitation supply & Dual Outputs

- Suitable for SIL 1, 2 & 3 applications
- Suitable for input from any two-wire transmitter with a 4-20mA output.
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

The input terminals are included in the excitation loop and thus provide power for the 4-20mA two-wire transmitter. Excitation @24Vdc

Output

Any standard process current or voltage
(The outputs may be different)
Current source up to 20mA @ 11V
Sink up to 21mA at 30V max
Voltage up to 10V. Max current 20mA

Isolation

1000V* RMS Input/Output/Supply/Earth.
*(500vdc if RFI option (K) is specified)
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 550Ω
Voltage 1-5Vdc min load 250Ω

Dimensions

50w x 75h x 110d (mm)

