

ADM237K Signal Transmitter / Isolator

- Suitable for SIL 1, 2 & 3 applications
- Suitable for combinations of process inputs and outputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 (<10V/m)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any current drive that can be terminated in a PI network to produce a 400mV span.
Our unit provides 24Vdc input loop excitation.

Analogue Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 24Vdc
Voltage source up to 10V. Max current 20mA

Isolation

500Vdc Input/Output/Supply/Earth

Environmental Conditions

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

Options

J = An input jack for injecting an external signal into the input without disturbing the loop

DI = A 3½ digit display of the input or output in units to suit

Typical Input

Current 4-20mA 20Ω
Voltage 0-10Vdc 1MΩ

Typical Output

Current 4-20mA load 1200Ω
Voltage 0-10Vdc load 500Ω

Dimensions:

50w x 75h x 182d (mm)

