

ADM230DI Process Signal Transmitter with LCD Display

- 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 available
- AMELEC Standard 10 year warranty

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

Isolation

1000V RMS* Input/Output/Supply.
*(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

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

K = RFI Protection to IEC61000-4-3

Typical Input

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

Typical Output

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

Dimensions

50w x 75h x 145d (mm)

