

ADM240DI Signal Generator With LCD Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any potentiometer input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

From any wire wound potentiometer, version available for plastic film pot's

Output

Any standard process current or voltage set by 15 turn potentiometer located on front of the unit.

Current source up to +/- 20mA. Drive voltage 12Vdc
Voltage source up to +/- 10V. Max current 20mA

Display

Continuous display of output on 3.5 digit LCD display
Display scale can be specified between -1999 to +1999, nominally 0-100.0%

Isolation

1000V RMS* Output /Supply/Earth
*500 Vdc if RFI option (K) is specified

Environmental Conditions

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

Typical Output

Current 4-20mA load 600 Ω
Voltage 0-10Vdc load 500 Ω

Dimensions

50w x 75h x 145d (mm)

