

## ADM241DIX Dual Output Signal Generator

- Suitable for SIL 1, 2 & 3 applications
- 3.5 Digit LCD Indication of 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

The unit has front panel toggle for display switch-over to show Output CHANNEL 1 or CHANNEL 2.

#### Output

Normally configured for a 4-20mA output, but other ranges available on request:

Current source up to 20mA. Drive voltage 24Vdc

Voltage source up to 10V. Max current 20mA

#### Isolation

1000V RMS\* Output/Output/Supply.

\*(500Vdc if RFI option specified) Linearity  $< \pm 0.1\%$

#### Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

#### Operation

The standard unit configured for 2 x 4-20mA Out.

Each Output level set via 15 turn blindset potentiometers.

#### Typical Output

Current 2 x 4-20mA max load 550Ω

Voltage 0-10Vdc min load 500Ω

#### Dimensions:

50w x 75h x 145d (mm)

#### Digital Display

Digital indication of Output signal on a 3.5 digit Liquid Crystal Display, calibrated either 0.0-100.0(%) or 4.0-20.0(mA) as standard. (Other scalings available on request)

#### Mounting Options

Surface, Din Rail or front of Panel (TBA at time of order)

