

ADM281 Frequency Transmitter – Dual Output

- Suitable for SIL Level 1, 2 & 3 applications
- Suitable for any process input
- 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 (per output)

Input

Option of sine, square or sawtooth wave form.
Minimum 25Hz. Maximum 10Khz.

Output

Any standard process current or voltage.
(The outputs may be different)
Current source up to 20mA.
Drive voltage 2x11Vdc.
Voltage source up to 10V.
Max current 20mA.
Each output has its own zero and span control.

Isolation

1000V RMS. Input/Output/Supply/Earth
Linearity $< \pm 0.1\%$

Environmental Conditions

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

Input Load / Output Drive

Typical Input

0-500Hz 500mv amplitude

Typical Output

Current 4-20mA load 1200Ω
Voltage 1-5Vdc load 250Ω

Dimensions

50w x 75h x 110d (mm)

