

ADM282 Frequency/Pulse Trip Transmitter

- Suitable for SIL Level 1, 2 & 3 applications
- Suitable for frequency inputs and process 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

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

Analogue Output

Any standard process current or voltage
Current source up to 20mA. Drive voltage 11Vdc
Voltage source up to 10V. Max current 20mA
Trip Output 2 sets of changeover contacts,
rated at 250VAC, 2A, 100VA (resistive)

Isolation

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

Input Load / Output Drive

Typical Input

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

Typical Output

Current 4-20mA max load 550Ω
Voltage 1-5Vdc min load 250Ω

Dimensions

152w x 81h x 137d (mm)

