

ADM280MX Frequency to Process 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

7-12mA current pulse.
Minimum 25Hz. Maximum 10Khz.

Test Input

Calibration may be checked by injecting voltage pulse, 4V to 10V max to terminal 5 & 6. Input wiring on TB1 & TB2 may remain connected.

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/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)

WIRING

