

Isolated Frequency Scaler

MT-FFT

The Model MT-FFT converts pulse rate typically from meters into convenient engineering units for display on a totalizer.

♣ Performance

- Temp. Coefficient : $\pm 0.015\%$ / $^{\circ}\text{C}$
- Insulation Resistance : $100\text{M}\Omega$ or more
with 500V DC (Input to Output to Power)
- Dielectric Strength : 1,500V AC 0.5mA/Min.
(Input to Output to Power)

♣ General Specifications

- Housing Material : Plastic ABS(Resin), Black
- Isolation : Input to Output to Power



♣ Installation

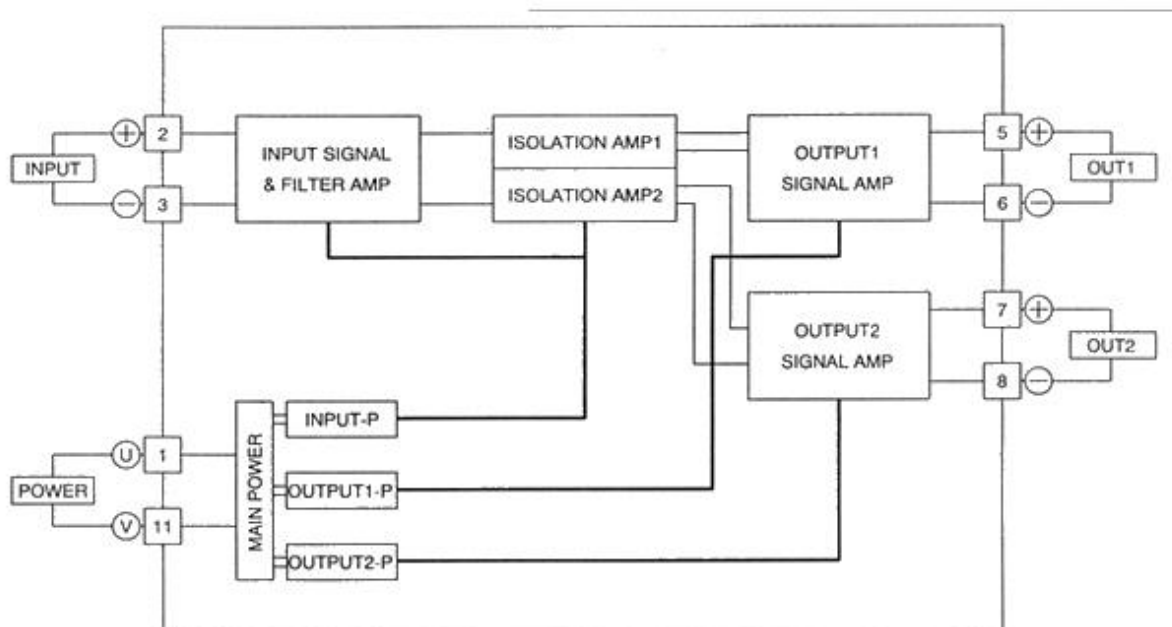
- Power Supply : AC 110V or 220V/60Hz(3VA), DC 18~30V (about 3Watts)
- Operating Temperature : $-5 \sim +55^{\circ}\text{C}$
- Operating Humidity : 90% RH Max. (Non-Condensing)
- Mounting : Wall or Rail Mounting (Plug-in type)
- Dimension : 51(W) X 83(H) X 102(D) (Unit : mm)
- Weight : about 400g

♣ Ordering Information

Specify Code number and Variables.

- Code No. : MT-FFT-Model/Input/Output1/Output2/Output3-Power (Ex : MT-FFT-434NN-X)
- Specify Input Range (Ex : 12V Voltage Pulse)
- Specify Output Range (Ex : 1:1 Pulse)

♣ Schematic Diagram



♣ Model & Suffix Code

MT-FFT-□□□□□-□

Model Type Selection

- 1 : 1 Output without Display
- 2 : 2 Outputs without Display

Input Type Selection

- 1 : Open Collector
- 2 : Dry Contact
- 3 : Voltage Pulse
- 4 : Current Pulse
- 5 : Other Special Spec.

Output Type & Range Selection

- 1 : Open Collector
- 2 : Dry Contact
- 3 : Voltage Pulse(Only Output1)
- 4 : Current Pulse(Only Output1)
- 5 : Other Special Spec.
- 6 : No Output (for Output 2 & Output3)

Power Supply

- W : AC 200~230V for 60Hz
- X : AC 100~120V for 60Hz
- Y : DC 18~30V
- Z : Other Special Spec.

♣ Dimension

