

## FEATURES :

- Output / Display Range User Selectable
- Dual Aux. Power 110/220V AC
- High Accuracy  
0.02% FS + 1 Count at 23°C ± 3°C.
- Analog or Digital RS485 Output



Ordering : DMF

Input Frequency		Input Range		Setting Function		Output		Aux. Power	
A	50Hz	A	± 1Hz	A	Hi-Lo Setting	A	0 ~ 10mA	A	AC 110/220V
		B	± 2Hz	B	Hi-Hi Setting	B	0 ~ 20mA		(Dual Power)
B	60Hz	C	± 3Hz	C	Lo-Lo- Setting	C	4 ~ 20mA	C	DC 24V
		D	± 5Hz			D	0 ~ 5V	D	DC 110V
Y	Other	E	± 10Hz	N	None	E	1 ~ 5V	E	DC 125V
		Y	Other			F	RS-485	F	DC 125V
						N	None		AC/DC 85~265V
						Y	Other		

Specify code number and variable.

Code number : model - input frequency - input range - Setting function - output - power  
(e.g. DMF - B - A - A - B - A)

## SPECIFICATIONS :

### INPUT :

Input Range : 300 ~ 600V  
 Input Burden : 0.25 VA, at 60Hz.  
 Input Voltage Over : Normal AC 110V, Voltage Over 500V Continuous; 1200V 10 Sec/Hour.

### OUTPUT & DISPLAY :

DC Current : 0 - 20 mA DC

Load Resistance Drive : Output drive 10 VDC maximum

Output Load Resistance

0 - 10 mA : 1000 Ω  
 0 - 20 mA : 500 Ω  
 4 - 20 mA : 500 Ω

DC Voltage : 0 - 10 V DC

Load Resistance Drive : Output drive 5mA maximum

Output Load Resistance

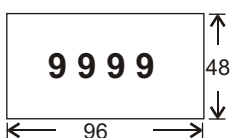
0 - 5 V : 1 KΩ  
 0 - 5 V : 1 KΩ  
 4 - 10 V : 2 KΩ

Output Response Time : ≤ 1 Sec.  
 Output Protection : Without Damage for Output Open or Short Circuit.  
 Digital output Load : RS-485 Output, 1200, 2400, 4800, 9600, 19200 Baud Rate, User Selectable.  
 Display Range : 0.56" Super Rate LED 4-1/2, 5 Digits, ± 19999 Counts. Display Range User Selectable.

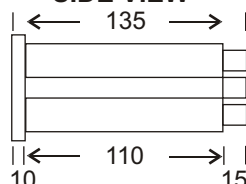
### INSTALLATION & PERFORMANCE :

Accuracy : 0.02% Fs + 1 Count at 23°C ± 3°C.  
 Setting Function : Dual Setting & Contact Points, Setting Function User Selectable.  
 Setting Range : ± 19999 Counts User Selectable.  
 Dead Band : 0 ~ 9999 Counts User Selectable.  
 Time Delay : 0 ~ 99 Sec. User Selectable.  
 SPDT Capacity : AC 120V 5A, 250V 3A, DC 24V 3A.  
 Dielectric Strength : 2.6KV AC / Min between Input / Power / Case.  
 Impulse : 4 KV 1.2x50 μS, ANSI C37.90a / 1983.DIN IEC 255 - 4.  
 Stability : ≤ 0.2% / Year.  
 Temperature Coefficient : ≤ 100ppm / °C From 0 ~ 60°C.  
 Operating Condition : -10°C ~ + 55°C 20 ~ 95% RH Non-Condensed.  
 Storage Condition : -40°C ~ + 75°C 20 ~ 95% RH Non-Condensed.  
 Power Supply : AC or DC ± 20%, 50 / 60Hz.  
 Outline Dimension : 1/8 DIN 96(W) x 48(H) x 135(D) mm.  
 Mounting : Panel Flush Mounting.

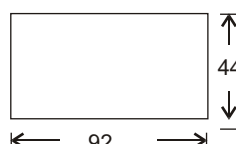
FRONT VIEW (mm)



SIDE VIEW



CUT OUT



Terminal Connection

