

FEATURES :

- Output / Display / Setting Range User Selectable
- Dual Aux. Power 110/220V AC
- 0.15%FS + 1 Counts. Avg. Typically at 23°C ± 3°C
- Analog or Digital RS485 Output



Ordering : DMV — — — — Avg. Conversion
 DMVR — — — — True RMS Conversion

Input Voltage		Setting Function		Output		Aux. Power	
A	PT X/100V AC	A	Hi-Lo Setting	A	0 ~ 10mA DC	A	AC 110/220V
B	0 ~ 150V AC	B	Hi-Hi Setting	B	0 ~ 20mA DC		(Dual Power)
C	0 ~ 600V AC	C	Lo-Lo- Setting	C	4 ~ 20mA DC	C	DC 24V
				D	0 ~ 5V DC	D	DC 110V
Y	Other	N	None	E	1 ~ 5V DC	E	DC 125V
				F	RS-485	F	AC/DC 85~265V
				N	None		
				Y	Other		

Specify code number and variable.

Code number : model - input - setting function - output - power
 (e.g. DMV - A - A - B - A)

SPECIFICATIONS :

INPUT :

- Input Frequency : 48 ~ 400Hz.
- Input Burden : 0.25VA at 60Hz.
- Input 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

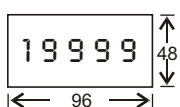
0 - 5 V :	1 KΩ
1 - 5 V :	1 KΩ
0 - 10 V :	2 KΩ

- 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 RED LED 4½, 5 Digits, ± 19999Counts. Display Range User Selectable.

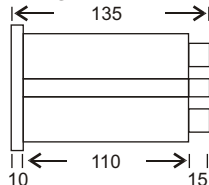
INSTALLATION & PERFORMANCE :

- Accuracy : 0.15%FS+1 Count. Avg. Typically at 23°C ± 3°C.
0.25%FS+1 Count. TRMS Typically at 23°C ± °C.
- Setting Function : Dual Setting & Contact Points, Setting Function User Selectable.
- Setting Range : ± 19999 Counts User Selectable.
- Dead Band : 0 ~ 19999 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 : 5 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 ~ + 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.

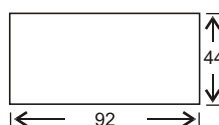
FRONT VIEW (mm)



SIDE VIEW



CUT OUT



Terminal Connection

1	2	3	4	5	6	7	8
NO	COM	NC	NO	COM	NC	+ Output	-
S1		S2		AC 220V		Analog or RS-485	
Input				110V Aux. Power			
				+ DC -			
9	10	11	12	13	14	15	16