

## FEATURES :

- Input / Output / Display / Setting Range User Selectable
- Dual Aux. Power 110/220V AC
- High Accuracy 0.04% FS + 2 Counts
- Analog or Digital RS485 Output



Ordering : DME

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

Specify code number and variable.

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

## SPECIFICATIONS :

### INPUT :

Input Impedance : Voltage Input  $\geq 1M\Omega$ , Current Input  $\leq 20\Omega$ .

### OUTPUT :

**DC Current :** 0 - 20 mA DC

**Load Resistance Drive :** Output drive 10 VDC maximum

Output	Load Resistance
0 - 10 mA :	1000 $\Omega$
0 - 20 mA :	500 $\Omega$
4 - 20 mA :	500 $\Omega$

**DC Voltage :** 0 - 10 V DC

**Load Resistance Drive :** Output drive 5mA maximum

Output	Load Resistance
0 - 5 V :	1 K $\Omega$
1 - 5 V :	1 K $\Omega$
0 - 10 V :	2 K $\Omega$

Output Response Time :  $\leq 1$  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.

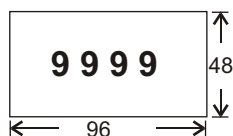
## INSTALLATION & PERFORMANCE :

- Accuracy : 0.04% FS + 2 Counts at 23°C  $\pm$  3°C.
- Display Range : 0.56" Super Rate LED 4-1/2, 5 Digits,  $\pm$  19999 Counts. Display Range User Selectable.
- Setting Function : Dual Setting & Contact Points, Setting Function User Selectable.
- Setting Range :  $\pm$  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.
- Stability :  $\leq 0.2\%$  / Year.
- Temperature Coefficient :  $\leq 100$ ppm / °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  $\pm$  20%, 50 / 60Hz.
- Outline Dimension : 1/8 DIN 96(W) x 48(H) x 135(D) mm.
- Mounting : Panel Flush Mounting.

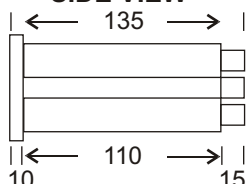
### Terminal Connection

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

### FRONT VIEW (mm)



### SIDE VIEW



### CUT OUT

