



An ISO 9001:2000 Company

Microprocessor RPM, Speed, Pulse, Length, Fluid & Setting Digital Meter

MODEL DMU

FEATURES :

- Output / Display / Setting Range User Selectable
- Dual Aux. Power 110/220V AC
- High Accuracy Pulse Input 0.01% FS + 1 Count
- Analog or Digital RS485 Output



Ordering : DMU

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

Specify code number and variable.

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

SPECIFICATIONS :

INPUT :

Input Type : Open Collect Type : 5 ~ 30V DC, 3mA.
 Voltage Pulse Type : 2V DC P-P ~ 200V DC P-P.
 Relay Contact Type : 5 ~ 30V DC, 3mA.

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.
 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.

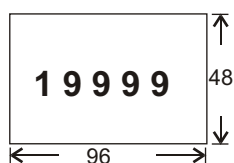
INSTALLATION & PERFORMANCE :

Accuracy : Analog Input 0.15% FS + 1 Count at 23°C ± 3°C.
 Pulse Input 0.01%FS + 1 Count at 23°C ± 3°C.
 Exciting Voltage : 12V / 25mA DC maximum.
 Sensing Range : 50 ~ 20K Hz Selectable.
 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.
 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.

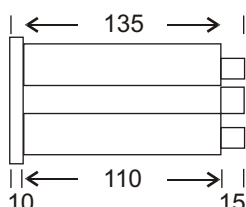
Terminal Connection

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

FRONT VIEW (mm)



SIDE VIEW



CUT OUT

