

■ FEATURES

- Dual analog outputs (Isolated)
- Dual RS 485 MODBUS RTU (Isolated)
- Input: DC0-5V/1-5V/0-10V/0-20mA/4-20mA
- 2Wire Input (Loop Power Ext: DC24V)
- RS 485 MODBUS RTU
- 2 or 4 Alarm Setting Function
- Small size (Depth< 90mm)



MMS - code1 - code2 - code3 - code4 - code5

Code1	Input Signal	Code2	Alarm Function	Code3	Output Signal1	Code4	Output Signal 2	Code5	Aux.Power
1	DC 0~10mA	2	2 Alarm Setting	1	DC 0~10mA	3	Same as output1	1	AC 110/220V
2	DC 0~20mA	4	4 Alarm Setting	2	DC 0~20mA	6	RS-485	2	AC 220V
3	DC 4~20mA 2Wire EXT:DC24V	0	None	3	DC 4~20mA	8	RS-485 (Dual)	3	DC 22~72V
4	DC 0~5V			4	DC 0~5V	0	None	6	AC/DC 85~265V
5	DC 1~5V			5	DC 1~5V	Y	Other	Y	Other
6	DC 0~10V			6	DC 0~10V				
Y	Other			0	None				
				Y	Other				

SPECIFICATIONS:

INPUT:

Input Impedance : Voltage Input $\geq 30K\Omega$, Current Input $\leq 75\Omega$.

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 5 mA maximum

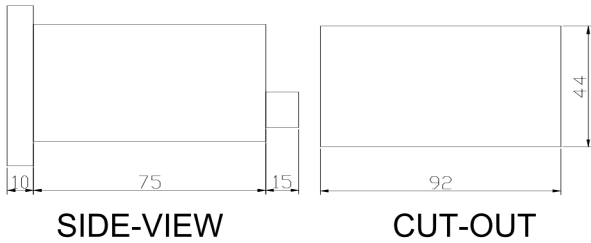
Output	Load Resistance
0 – 5 V :	1 k Ω
1 – 5 V :	1 K Ω
0 – 10 V :	2 k Ω

Output Response Time : ≤ 1 Sec. (programmable per 100ms/unit)
 Output Protection : Without Damage for Output Open or Short Circuit.
 Display Range : 0.56" High Brightness RED LED , 5 Digits, -19999 ~ 99999Counts
 Digital Output : RS-485 Output, 1200,2400,4800,9600,19200 Baud Rate, User Selectable.

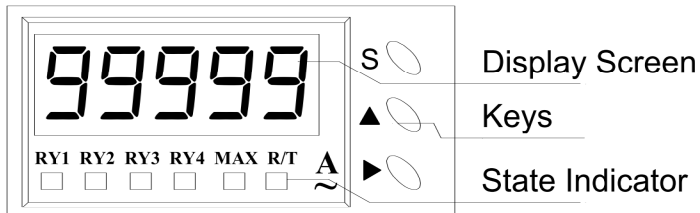
INSTALLATION & PERFORMANCE:

Accuracy : 0.05%FS + 2 Counts at 23°C \pm 3°C.
 Power Supply : Loop Power DC 24V \pm 10% ; \leq 30mA
 Short Circuit Current : \leq 30mA.
 Load Resistance : \leq 250 Ω .
 Input Resistance : Current Input \leq 20 Ω .
 Setting Function : 4 Alarm Setting, Setting Function(Hi or Lo) User Selectable.
 Setting Range : -19999 ~ 99999 Counts
 Dead Band : 0 ~ 9999 Counts User Selectable.
 Time Delay : 0 ~ 999 Sec. User Selectable.
 SPDT Capacity : AC 120V 3A , DC 30V 3A.
 Dielectric Strength : 2KV AC / Min Between Input / Power / Case.
 Impulse : 5 KV 1.2x50 uS, ANSI C37.90a / 1983.DIN IEC 255 – 4.
 Stability : \leq 0.2%/Year.
 Temperature Coefficient : \leq 60ppm / °C From 0 ~ 60°C ; \leq 50ppm/25°C \pm 5°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.
 Consumed Power : \leq 3VA , PF = 1
 Outline Dimension : 1/8 DIN 96W X 48H X 100D mm.
 Mounting : Panel Flush Mounting.

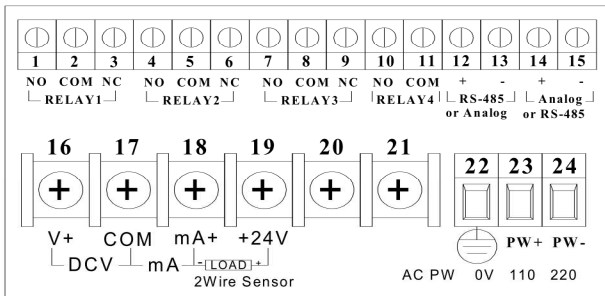
■ Dimension (mm)



■ Panel Keys



■ Connection Diagram



1. For DC Voltage input, please connect 16+ and 17-
2. For DC mA input and requires EXT:DC 24V, please connect 18- and 19+
3. For DC mA input and do not require EXT:DC 24V, please connect 17- and 18+.