

MMG Modbus-RTU Digital Meter



An ISO 9001:2008 Company



FEATURES

- Set as MASTER or SLAVE mode
- Suitable for Modbus RTU instruments
- Programmable address for data write and data read
- Data form: Unsigned Int / Signed Int
- Write data:06H; 16H
- Max.Baud rate: 38400
- Address:1 ~ 255
- With analog output and alarm setting

MMG - Code1 - Code2 - Code3 - Code4

Code 1	Input Signal	Code 2	Alarm Setting	Code 3	Output	Code 4	Aux. Power
1	RS-485	2	2 Alarm Setting	1	DC 0~10mA	1	AC 110/220V
2	RS-232	4	4 Alarm Setting	2	DC 0~20mA	2	AC 220V
3	RS-485+232	0	None	3	DC 4~20mA	3	DC 22~72V
4	RS-422			4	DC 0~5V	6	AC/DC 85~265V
5	Ethernet			5	DC 1~5V	Y	Other
6	Other			6	DC 0~10V		
				0	None		
				Y	Other		

INPUT:

Display Range : 0.56" High brightness RED LED,5 Digits. Unsigned Int:0~65535 Counts. Signed Int:-32767~32767 Counts..

Input Frequency : 45 ~ 400Hz.

Response Time : ≤200 msec

Mode : Master or Slave

Communication Protocol : Modbus RTU

Baud rate : 4800-9600-19200-38400 (programmable)

Address : 1~255

Parity Check : NONE-ODD-EVEN (programmable)

Stop Bit : 1 or 2 (programmable)

Data Bit : 8 bit

Data Form : Unsigned Int / Signed Int

Parity Check : NONE-ODD-EVEN (programmable)

Stop Bit : 1 or 2 (programmable)

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 KΩ
1 – 5 V :	1 KΩ
0 – 10 V :	2 KΩ

INSTALLATION & PERFORMANCE:

Alarm Setting : 2 or 4 Alarm Setting, Setting Function(Hi or Lo) User Selectable.

Setting Range : -19999 ~ 99999 Counts User Selectable.

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.

Operating Condition : -10°C ~ +55°C 20 ~ 95% RH Non-Condensed.

Storage Condition : -40°C ~ +75°C 20 ~ 95% RH Non-Condensed.

Consumed Power : ≤3VA , PF = 1

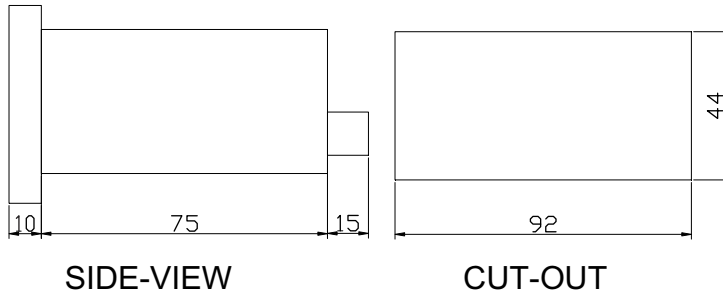
Power Supply : AC or DC ±20%, 50 / 60Hz.

Outline Dimension : 1/8 DIN 96W X 48H X 100D mm.

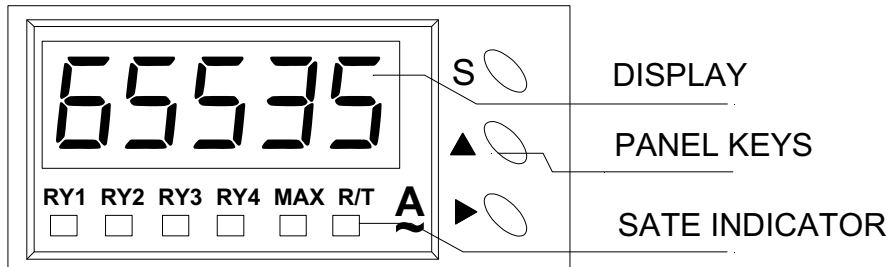
Mounting : Panel Flush Mounting.

All Specifications are subject to change without prior notice.

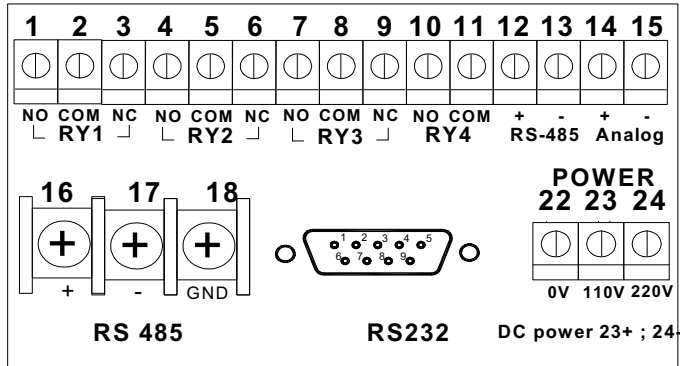
Dimension (mm)



■ Panel Keys



■ Connection Diagram



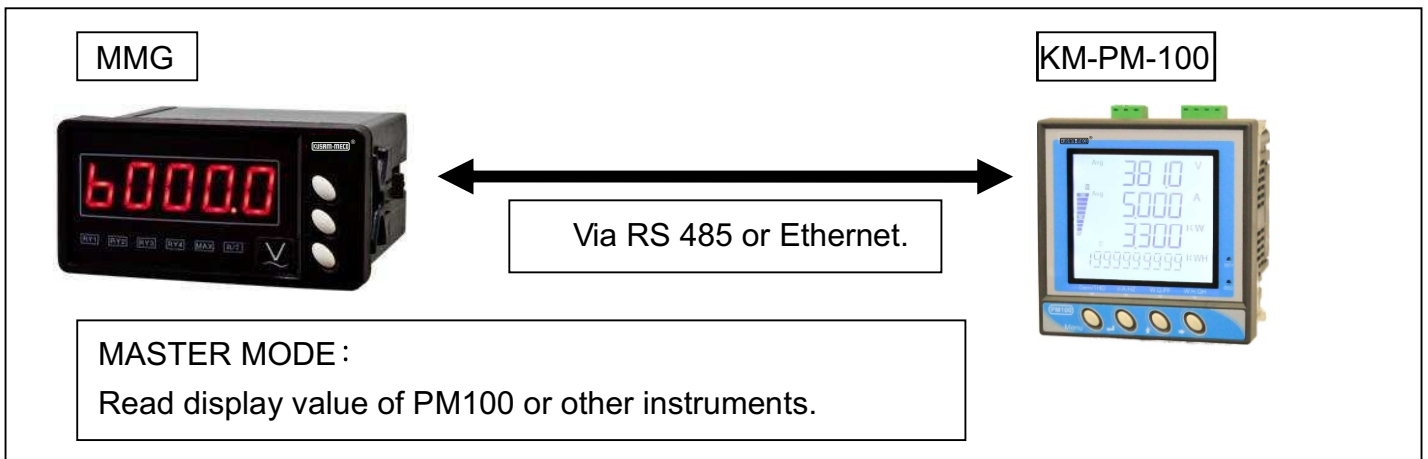
All Specifications are subject to change without prior notice.

KUSAM-MECO[®]
An ISO 9001:2008 Company

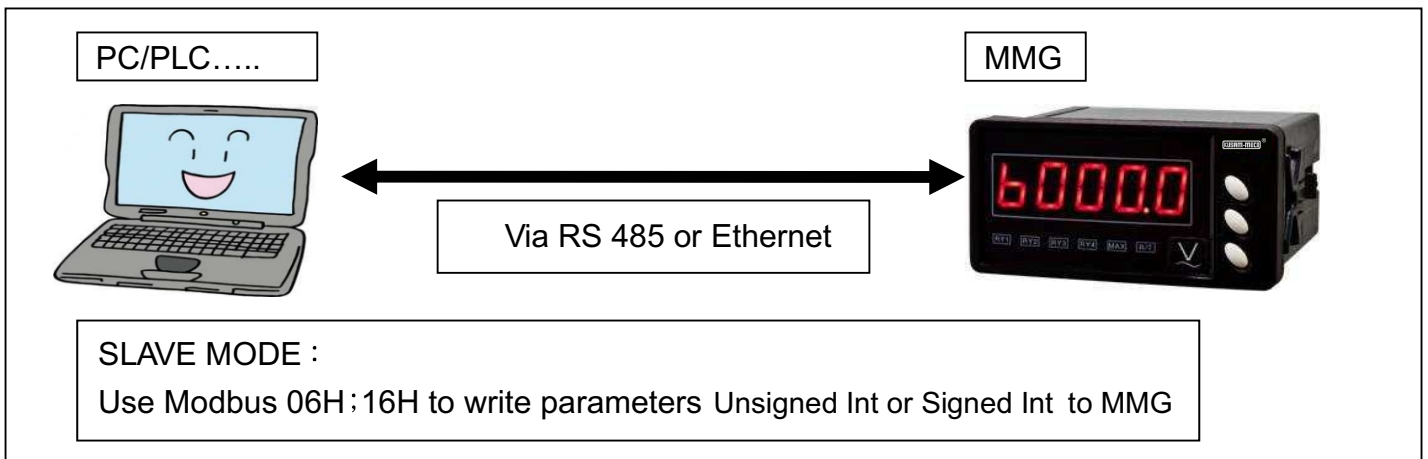
G-17, Bharat Industrial Estate, T. J. Road, Sewree (W), Mumbai - 400 015. INDIA.
Sales Direct.: 022-24156638, Tel. : 022-24124540, 24181649, Fax : 022-24149659
Email : kusam_meco@vsnl.net, Website : www.kusamelectrical.com

■ APPLICATION

MASTER MODE



SLAVE MODE



ILLUSTRATION

