

MICROPROCESS PANEL CONTROLLER METER

**MODEL
MM2S**



(FEATURES)

- Accuracy 0.1% F.S. +/-1digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....
- Programmable rate 0 to +/-19999 digit
- Simulation pushwheel digit switches,easy to operate
- Max. four alarm function (optional)
- Auto zero and hold function
- 15 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)

1.MODEL:MM2S-() () () () () () () ()

| NO | Input Type | NO | DCV(ACV) | NO | DCA(ACA) | NO | Potentiometer | NO | Transmitter | NO | Alarm output | NO | Analog output | NO | RS-485 | NO | Aux. Power |
|----|---------------|----|-----------|----|------------|----|-----------------------------|----|------------------------------|----|-------------------------------------|----|---------------|----|--------|----|---------------------------|
| A | DC | 11 | 0-50mV | 21 | 0-19.999uA | 31 | 0-10% | 41 | DC4-20mA | 0 | None | 0 | None | N | None | A | AC/DC18-60V |
| B | AC(RMS) | 12 | 0-5V | 22 | 0-199.99uA | 32 | 0-50% | 42 | DC1-5V | 1 | One | 1 | DC4-20mA | Y | RS-485 | B | AC/DC90-260V |
| C | AC(TRMS) | 13 | 0-10V | 23 | 0-1.9999mA | 33 | 0-100% | 43 | DC4-20mA | 2 | Two | 2 | DC0-10V | | | | |
| D | Potentiometer | 14 | 0-36V | 24 | 0-19.999mA | 34 | 5-95% | 44 | DC1-5V | 3 | Three | 3 | SPECIFIED | | | | |
| E | Transmitter | 15 | 0-54V | 25 | 0-199.99mA | 35 | 10-90% | 49 | SPECIFIED | 4 | Four | | SPECIFIED | | | | |
| F | Pt-100(RTD) | 16 | 0-110V | 26 | 0-1.9999A | 39 | SPECIFIED | | | | | | | | | | |
| H | Load Cell | 17 | 0-600V | 27 | 0-5.000A | | #Three wire connection | | #41/42 nonexciting DC24V | | #Relay contact (AC250V-3A,DC30V-5A) | | | | | | #Less 4VA for AC/DC input |
| R | Resistor | 18 | 0-1000V | 28 | 0-10.000A | | #Exciting voltag DC5V(<5mA) | | #43/44 exciting DC24V(<25mA) | | | | | | | | |
| O | SPECIFIED | 19 | SPECIFIED | 29 | SPECIFIED | | | | | | | | | | | | |

2.SPECIFICATION

- # Measuring accuracy : 0.1% F.S. +/-1 digit (23+/-5°C) 0.2% F.S. +/-1 digit(AC(RMS))
- # Readout range : 0-+/-19999digit adjustable
- # Alarm delay time : 0- 99.9 second adjustable
- # Alarm action : HI or Lo adjustable
- # Relay contact output : AC 250V-3A, DC 30V-5A
- # Analog output resolution : 15 bit DAC
- # Response time : < 250ms(0-90%)
- # Output drive capability : < 10mA for voltage mode < 10V for current mode
- # Output ripple (p-p) : < 0.1% F.S.
- # RS-485 adress : "01"- "FF"
- # RS-485 baud rate : 19200/9600/4800/2400 selective
- # RS-485 protocle : Modbus RTU mode
- # Temp. coefficient : 50ppm/°C(0-50°C)
- # Display : Red high efficiency LEDs high 10.16mm(0.4")
- # Parameter setting : Touch switches
- # Memory mode : Non-volatile E² PROM memory
- # Dielectric strength : 2KVac/1 min. (input/output/power) 1600 Vdc (input/output)
- # Operating condition : 0-50°C(20 to 90% RH non-condensed)
- # Storage condition : 0-70°C(20 to 90% RH non-condensed)

3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

