

# SENSORS USING MICRO-PROCESS METER

# DPM-6

## FEATURES

- Accuracy:  $\leq 0.2\%$  F.S.
- High brightness 0.8" LED display range: -1999~9999; decimal point selectable
- Universal input signal for TC, RTD, Linear voltage, current
- Other analog input signals available
- Digital input for PV value setting optional



## ORDER INFORMATION: DPM-6 [Code 1] - [Code 2] [Code 3] 0 - [Code 4] [Code 5]

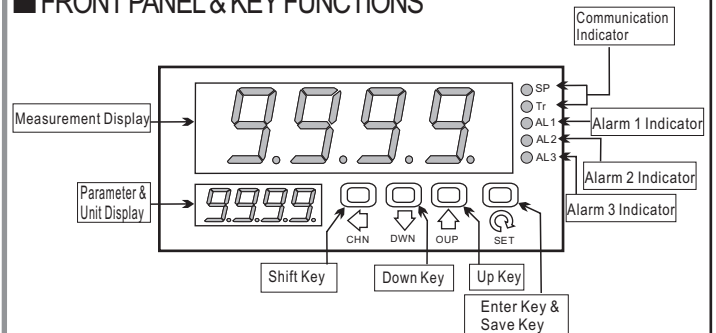
Code 1	Alarm Output	Code 2	PV Analog Output	Code 3	Input Type	Code 4	Communication	Code 5	Excit. Power
N	None	0	None	1	Thermocouple (TC)	0	None	0	None
R1	1 Relay	1	4-20mAdc Output # 1	2	RTD (PT100)	1?	RS-485	1?	DC24V
R2	2 Relays	2	4-20mAdc Output # 2	3	RTD (CU50)	2?	ModBus		
R3	3 Relays			4	DC4-20mA				
R4	4 Relays	3	Option	5	Option				

- \*\*1: In the output function, this meter can have 4~20mAdc output \*2 & relays output \*2 at the same time.  
 2: This meter can have the input signals for K, J, R, S, B, E, T, N, W1(W325), W2(W526).  
 3. Please specify on the order if the input signal is 0~20mA, 1~5V, 0~5mV or others.  
 3. Please specify on the order if the output signal is not 4~20mA.

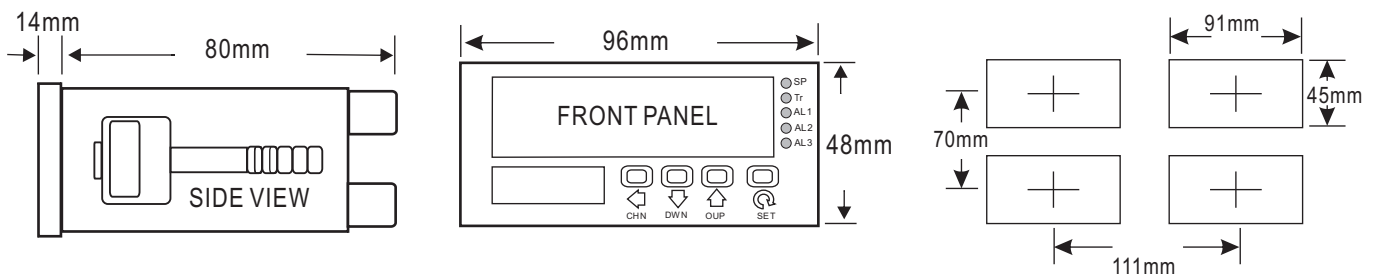
## SPECIFICATION

- ◆ Accuracy:  $\pm 0.2\%$  full scale
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Cycle: 150ms
- ◆ Display Range: -1999~9999
- ◆ Zero Adjustment: -1999~9999
- ◆ Over Range Indication: uuu1 / -00.0
- ◆ Polarity Indication: Thermocouple input Reverse
- ◆ Relay Contact: AC 230V / 3A; DC 30V / 7A
- ◆ Response Time: Thermocouple or RTD: 150ms  
Linear signal: 100ms
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 bps
- ◆ Power Supply: AC 85~265V; DC 24V
- ◆ Power Consumption: <5VA
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: 600  $\Omega$
- ◆ Max Current Load: 50mA

## FRONT PANEL & KEY FUNCTIONS



## DIMENSION



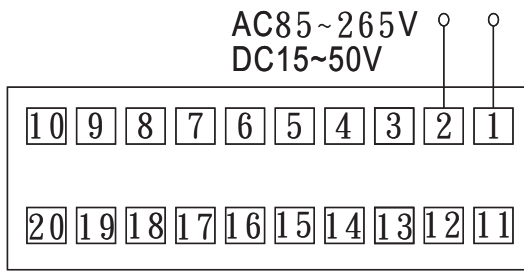
## INPUT SIGNAL SELECTION



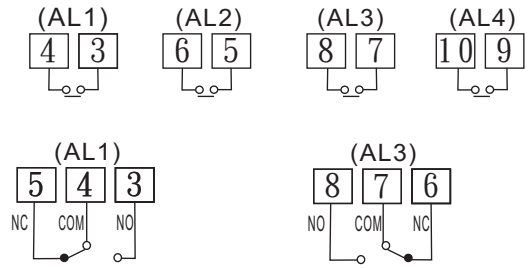
Hardware: Switch the pin position on the meter PCB for TC or RTD input.

# ■ WIRING CONNECTION

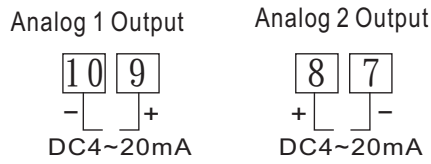
## ● Aux. Power



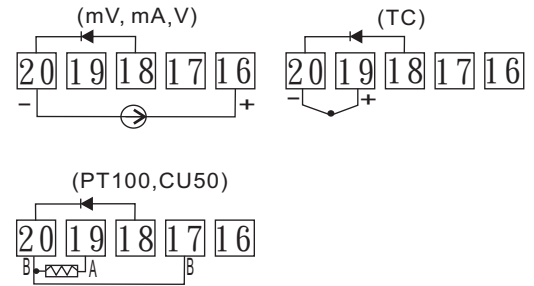
## ● Alarm Output



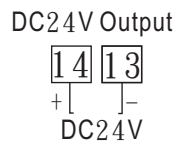
## ● Analog Output



## ● Input Signal



## ● Excit. Power Output



## ● Communication Output

