5 DIGITAL MICRO-PROCESS METER

DC5-A

■ FEATURES

- Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±0.2% F.S. ±1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness 0.56" LED display range: -19999~99999; decimal point selectable
- Max. Hold / Data Hold / Reset and 2 display values selectable
- High stability, non-flammable case (PC), high safety
- CE approval

■ ORDER INFORMATION : DC5 - A - [Code 1] [Code 2] - [Code 3]

Code 1	Input Type
D	DC
A	AC AVG
M	AC TRMS
P	3 Wire Potentiometer
I	2 Wire Resistor
T	RTD (PT-100)
L	Load Cell
2	2, 3 Wire Sensor
4	4 Wire Sensor

Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)	Code 2	Load Cell
V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω	T1	-50~50°C	L1	1mV/V EX.5V
V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	-100~100°C	L2	2mV/V EX.5V
V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	-200~200°C	L3	3mV/V EX.5V
V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~600°C	L4	1mV/V EX.10V
V5	0~36V	A5	0~200mA			I5	0~100KΩ	TO	Option	L5	2mV/V EX.10V
V6	0~300V	A6	4~20mA			IO	Option			L6	3mV/V EX.10V
V7	0~600V	A7	0~2A							LO	Option
VO	Option	A8	0~5A								
		A9	0~10A								
		AO	Option								

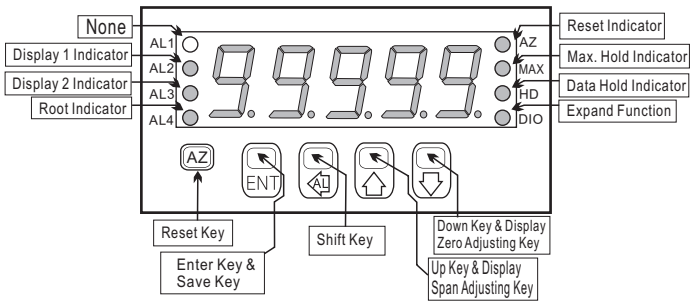
Code 3	Aux. Power
A	AC 110/220V

**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.
3: Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.

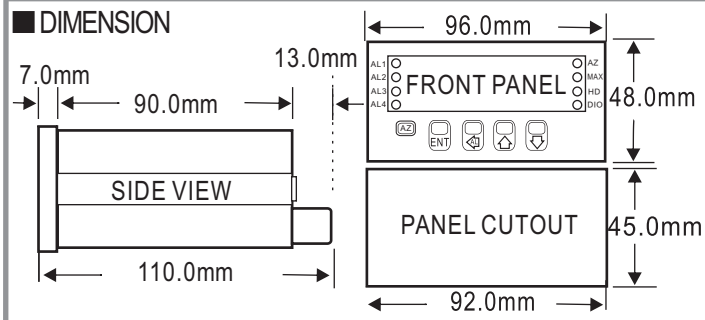
■ SPECIFICATION

♦ Accuracy:	±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor/ PT-100) ±0.2% F.S. ± 1 digit (AC)
♦ Display Screen:	High brightness red LED; 14.22mm(0.56")
♦ Sampling Cycle:	16 cycles / sec (AVG=1)
♦ Display Range:	-19999~99999
♦ Zero Adjustment:	-19999~99999
♦ Over Range Indication:	doFL / ioFL or -doFL / -ioFL
♦ Polarity Indication:	Automatic with "-" indication
♦ Parameters Setting:	Push buttons
♦ Back Up Memory:	EEPROM
♦ Temperature Coefficient:	100ppm / °C (0~60°C)
♦ Operating Temperature:	0~60°C
♦ Operating Humidity:	20~90% RH (non-condensing)
♦ Storage Temperature:	-10~70°C
♦ Storage Humidity:	20~90% RH (non-condensing)
♦ Power Supply:	AC 110/220V ±10%
♦ Power Consumption:	4.5VA
♦ Surge Test:	2KVac / 1min (Input / Power)
♦ Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦ Dimensions:	96(W)*48(H)*110(D) mm
♦ Weight:	About 500 g

■ FRONT PANEL & KEY FUNCTIONS

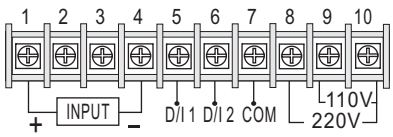


■ DIMENSION

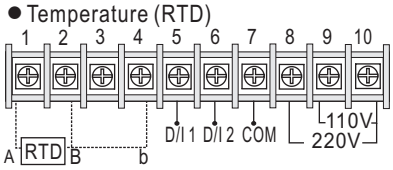


■ WIRING CONNECTION

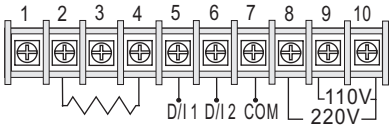
● Voltage, Current (AC, DC)



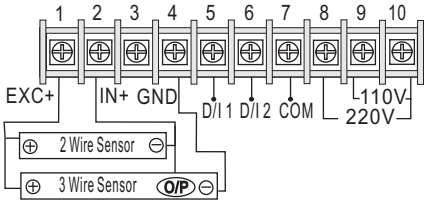
● Temperature (RTD)



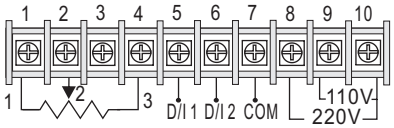
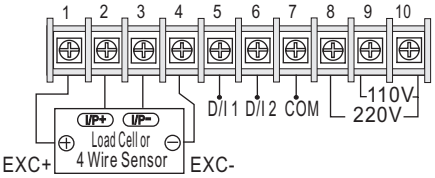
● 2 Wire Resistor



● 2,3 Wire Sensor



● 3 Wire Petentiometer



● 4 Wire Sensor or Load cell