

5 DIGITAL MICRO-PROCESS METER

DC5-A

FEATURES

- Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ 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]

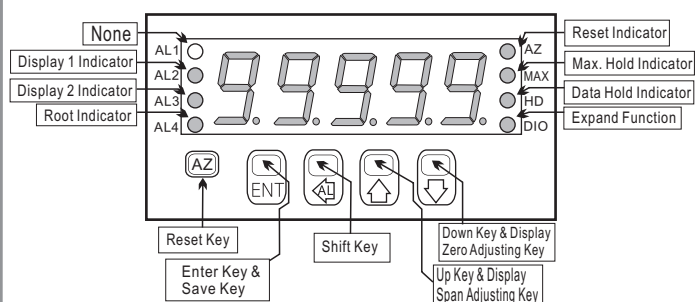
Code 1	Input Type	Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)	Code 2	Load Cell	Code 3	Aux. Power
D	DC	V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω	T1	-50~50℃	L1	1mV/V EX.5V	A	AC 110/220V
A	AC AVG	V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	-100~100℃	L2	2mV/V EX.5V		
M	AC TRMS	V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	-200~200℃	L3	3mV/V EX.5V		
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~600℃	L4	1mV/V EX.10V		
I	2 Wire Resistor	V5	0~36V	A5	0~200mA			I5	0~100KΩ	TO	Option	L5	2mV/V EX.10V		
T	RTD (PT-100)	V6	0~300V	A6	4~20mA			IO	Option			L6	3mV/V EX.10V		
L	Load Cell	V7	0~600V	A7	0~2A							LO	Option		
2	2, 3 Wire Sensor	VO	Option	A8	0~5A										
4	4 Wire Sensor			A9	0~10A										
				AO	Option										

- **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.

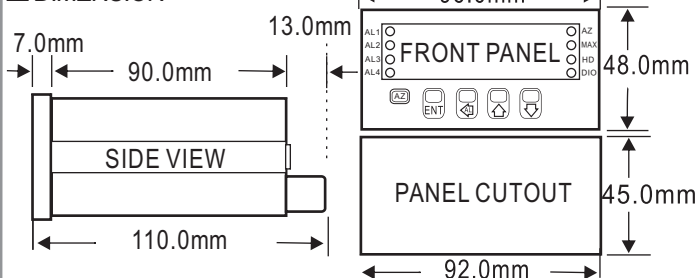
SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100)
 $\pm 0.2\%$ 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 $\pm 10\%$
- ◆ Power Consumption: 4.5VA
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: $>2V$ for 20KΩ / V; $\leq 2V$ for $>200M\Omega$
Current: $\geq 0.2A$ at 100mV; $<0.2A$ at 1V
- ◆ Dimensions: 96(W)*48(H)*110(D) mm
- ◆ Weight: About 500 g

FRONT PANEL & KEY FUNCTIONS

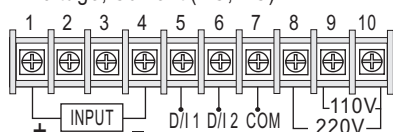


DIMENSION

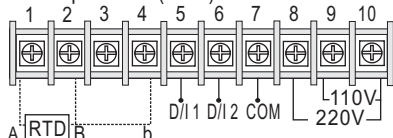


WIRING CONNECTION

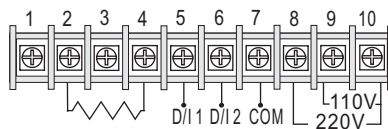
Voltage, Current (AC, DC)



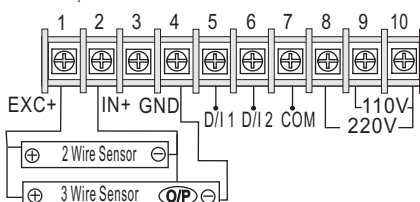
Temperature (RTD)



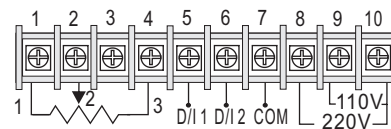
2 Wire Resistor



2,3 Wire Sensor



3 Wire Potentiometer



4 Wire Sensor or Load cell

