

- Accuracy: $\pm 0.1\%$ F.S. (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety

SPECIFICATION

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| <ul style="list-style-type: none"> ◆ Accuracy: $\pm 0.1\%$ F.S. (DC / Potentiometer / Resistor / PT-100 / Load Cell)
$\pm 0.2\%$ F.S. (AC) ◆ Display Screen: High brightness red LED; 10.16mm (0.4") ◆ Sampling Cycle: 16 cycles / sec (AVG=1) ◆ Display Range: -19999~99999 ◆ Zero Adjustment: ± 9999 ◆ Span Adjustment: ± 9999 ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL ◆ Polarity Indication: Automatic with "-" indication ◆ Parameters Setting: Push buttons ◆ Back Up Memory: EEPROM ◆ Analog Output Resolution: 15 bit ◆ Output Response Time: <250 msec (0~90%) ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V | <ul style="list-style-type: none"> ◆ Output Ripple: $\leq \pm 0.1\%$ F.S. ◆ Isolation: Input / Output / Power / Case ◆ 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 110V, AC 220V, DC 24V ◆ Surge Test: 2KVac / 1min ◆ Insulation Resistance: >100MΩ with 500Vdc ◆ Input Impedence: Voltage: >2V for 20KΩ / V; $\leq 2V$ for >200MΩ
Current: $\geq 0.2A$ at 100mV; <0.2A at 1V ◆ Installation: Socket / Plug in ◆ Weight: About 650 g |
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ORDER INFORMATION

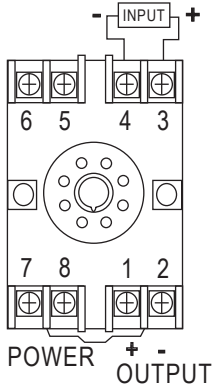
DCM -A- [Code 1] [Code 2] - [Code 3] - [Code 4]

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	Code 4	Analog Output
D	DC	V1	0~50mV	A1	0~20uA	P1	500 Ω ~10K Ω	I1	0~10 Ω	T1	-50~50°C	L1	1mV/V EX.5V	A	AC 110V	1	4~20mA
A	AC AVG	V2	0~5V	A2	0~200uA	P2	10K Ω ~100K Ω	I2	0~100 Ω	T2	0~50°C	L2	2mV/V EX.5V	B	AC 220V	2	0~20mA
M	AC TRMS	V3	1~5V	A3	0~2mA	P3	100K Ω ~1M Ω	I3	0~1K Ω	T3	0~100°C	L3	3mV/V EX.5V	C	DC 24V	3	0~5V
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO	Option	I4	0~10K Ω	T4	0~200°C	L4	1mV/V EX.10V			4	0~10V
I	2 Wire Resistor	V5	0~36V	A5	0~200mA			I5	0~100K Ω	T5	0~400°C	L5	2mV/V EX.10V			O	Option
T	RTD (PT-100)	V6	0~300V	A6	4~20mA			IO	Option	T6	0~600°C	L6	3mV/V EX.10V				
L	Load Cell	V7	0~600V	AO	Option					TO	Option	LO	Option				
2	2, 3 Wire Sensor	VO	Option														
4	4 Wire Sensor																

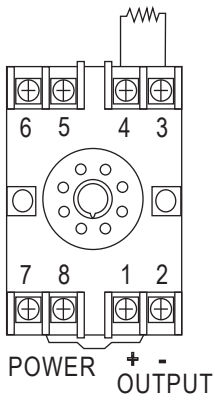
**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.

WIRING CONNECTION

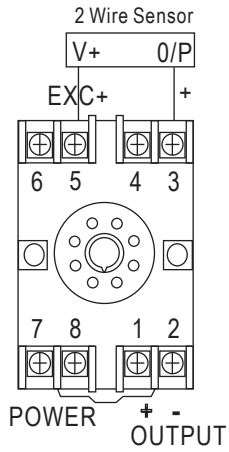
● Voltage, Current (AC, DC)



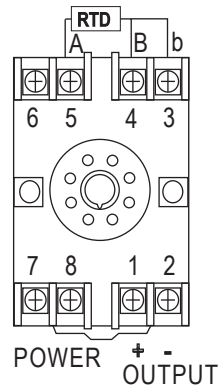
● 2 Wire Resistor



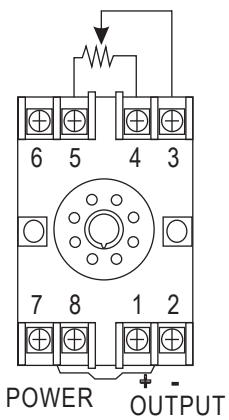
● 2 Wire Sensor



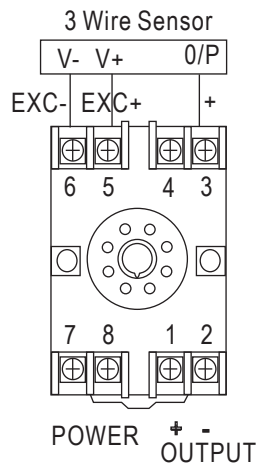
● Temperature (RTD)



● 3 Wire Potentiometer



● 3 Wire Sensor



● 4 Wire Sensor or Load cell

