

- 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)
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety

SPECIFICATION

- | | | | |
|-----------------------------|--|--------------------------|---|
| ◆ Accuracy: | $\pm 0.1\%$ F.S. (DC / Potentiometer / Resistor / PT-100 / Load Cell)
$\pm 0.2\%$ F.S. (AC) | ◆ Operating Temperature: | 0~60°C |
| ◆ Zero Adjustment: | $\leq \pm 5\%$ F.S. | ◆ Operating Humidity: | 20~90% RH (non-condensing) |
| ◆ Span Adjustment: | $\leq \pm 10\%$ F.S. | ◆ Storage Temperature: | -10~70°C |
| ◆ Output Response Time: | 15 bit | ◆ Storage Humidity: | 20~90% RH (non-condensing) |
| ◆ Output Response Time: | <250 msec (0~90%) | ◆ Power Supply: | AC/DC 100~240V |
| ◆ Output Capability: | Voltage Output: <20mA | ◆ Surge Test: | 2KVac / 1min |
| ◆ Analog Output Resolution: | Current Output: <10V | ◆ Insulation Resistance: | >100M Ω with 500Vdc |
| ◆ Output Ripple: | $\leq \pm 0.1\%$ F.S. | ◆ Input Impedance: | Voltage: >2V for 20K Ω / V; $\leq 2V$ for >200M Ω
Current: $\geq 0.2A$ at 100mV; <0.2A at 1V |
| ◆ Isolation: | Input / Output / Power / Case | ◆ Installation: | Socket / Plug in |
| ◆ Temperature Coefficient: | 100ppm / °C (0~60°C) | ◆ Weight: | About 650 g |

ORDER INFORMATION

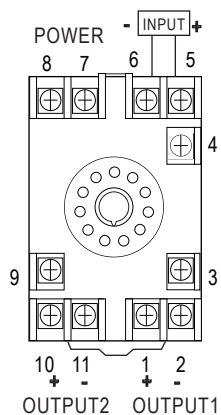
DCD - [Code 1] [Code 2] - [Code 3] - [Code 4] [Code 5]

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 1	Code 5	Analog Output 2
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/DC 100~240V	1	4~20mA	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	C	DC 24V	2	0~20mA	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			3	0~5V	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	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	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																		

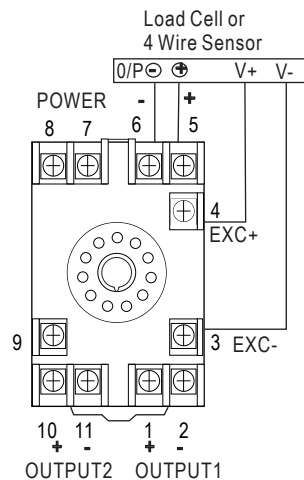
- **1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
 2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.
 3: Load Cell type of excitation power DC5V can have 2 load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

WIRING CONNECTION

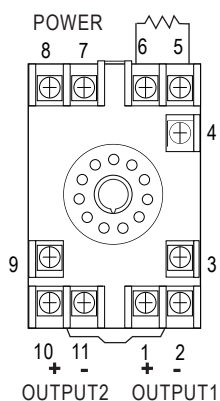
● Voltage, Current (AC, DC)



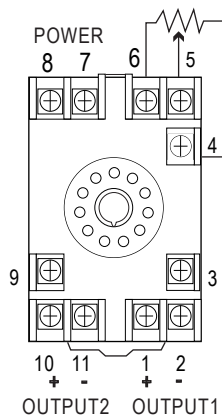
● 4 Wire Sensor or Load cell



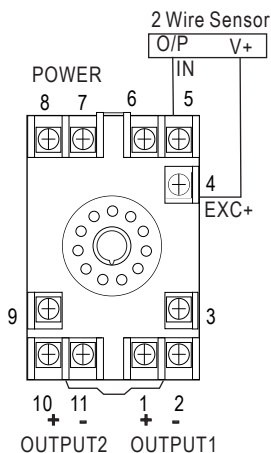
● 2 Wire Resistor



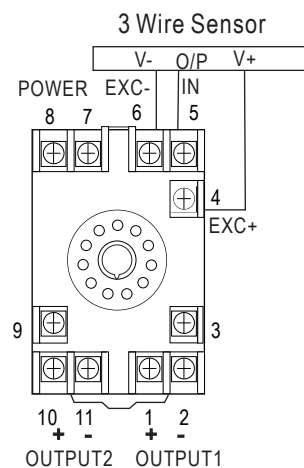
● 3 Wire Potentiometer



● 2 Wire Sensor



● 3 Wire Sensor



● Temperature (RTD)

