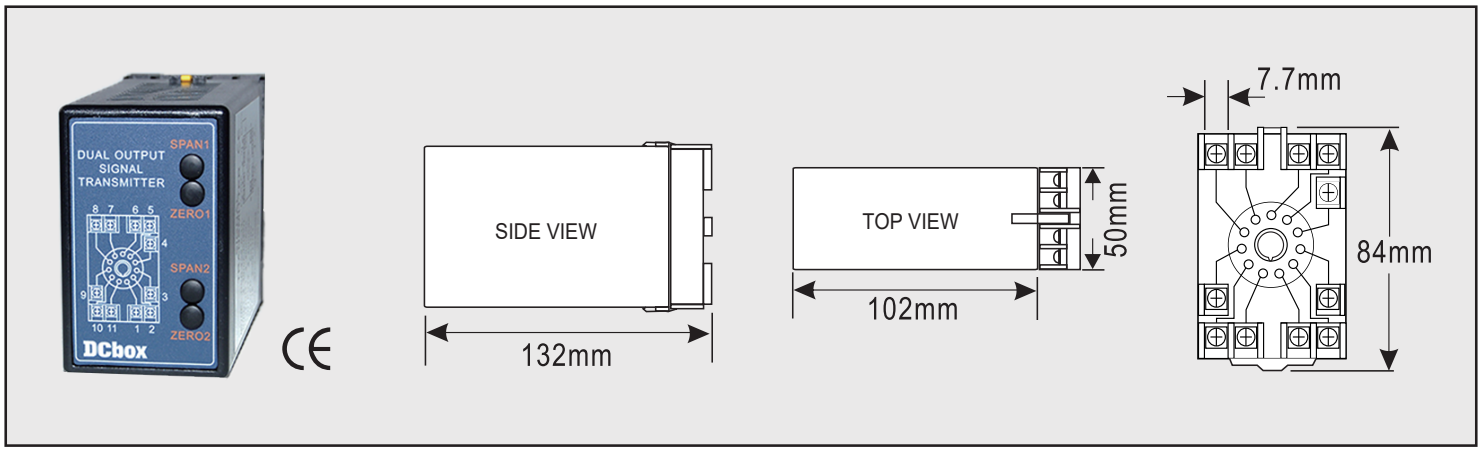
DCbox DUAL OUTPUT SIGNAL ISOLATED TRANSMITTER DCD



- Accuracy: ±0.1% F.S. (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±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: ±0.1% F.S. (DC / Potentiometer / Resister / PT-100 / Load Cell) ±0.2% F.S. (AC)
- ♦ Zero Adjustment: ≦±5% F.S.
- ♦ Span Adjustment: ≦±10% F.S.
- ♦ Output Response Time: 15 bit
- ♦ Output Response Time: <250 msec (0~90%)
- ♦ Output Capability: Voltage Output: <20mA
- ♦ Analog Output Resolution: Current Output: <10V
- ♦ Output Ripple: ≦±0.1% F.S.
- ♦ Isolation: Input / Output / Power / Case
- ♦ Temperature Coefficient: 100ppm / ℃ (0~60℃)
- ♦ Operating Temperature: 0~60℃
- ♦ Operating Humidity: 20~90% RH (non-condensing)
- ♦ Storage Temperature: -10~70℃
- ♦ Storage Humidity: 20~90% RH (non-condensing)
- ♦ Power Supply: AC 110V, AC 220V
- ♦ Surge Test: 2KVac / 1min
- ♦ Insulation Resistance: >100MΩ with 500Vdc
- ♦ Input Impendence: Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
- ♦ Installation: Socket / Plug in
- ♦ Weight: About 650 g

ORDER INFORMATION

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

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℃	L1	1mV/V EX.5V
V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	0~50℃	L2	2mV/V EX.5V
V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	0~100℃	L3	3mV/V EX.5V
V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~200℃	L4	1mV/V EX.10V
V5	0~36V	A5	0~200mA			I5	0~100KΩ	T5	0~400℃	L5	2mV/V EX.10V
V6	0~300V	A6	4~20mA			IO	Option	T6	0~600℃	L6	3mV/V EX.10V
V7	0~600V	AO	Option					TO	Option	LO	Option
VO	Option										

Code 3	Aux. Power
A	AC/DC 100~240V
C	DC 24V

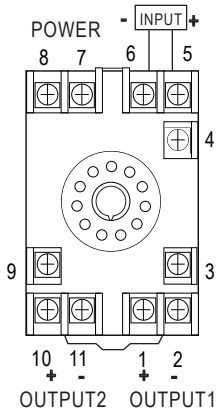
Code 4	Analog Output 1
1	4~20mA
2	0~20mA
3	0~5V
4	0~10V
O	Option

Code 5	Analog Output 2
1	4~20mA
2	0~20mA
3	0~5V
4	0~10V
O	Option

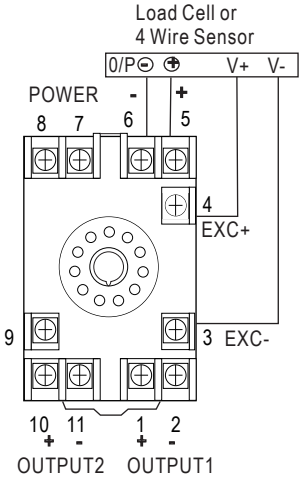
**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.
3: Load Cell type of excitation power DC5V can have 2 load cell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

WIRING CONNECTION

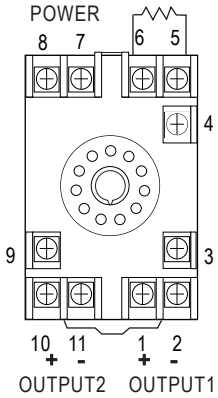
● Voltage, Current (AC, DC)



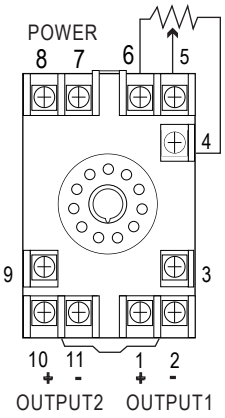
● 4 Wire Sensor or Load cell



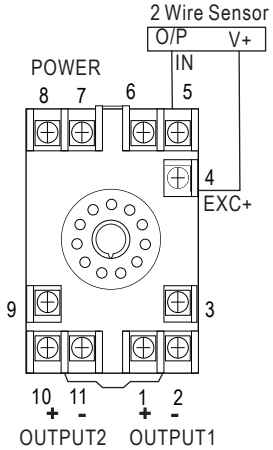
● 2 Wire Resistor



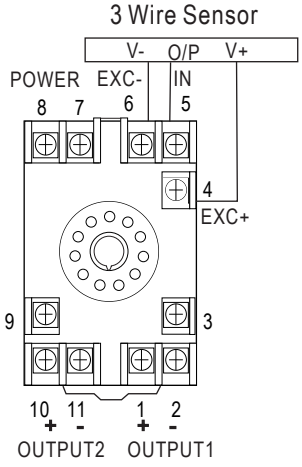
● 3 Wire Petentiometer



● 2 Wire Sensor



● 3 Wire Sensor



● Temperature (RTD)