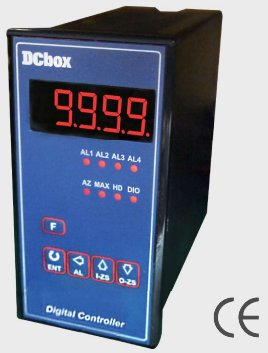
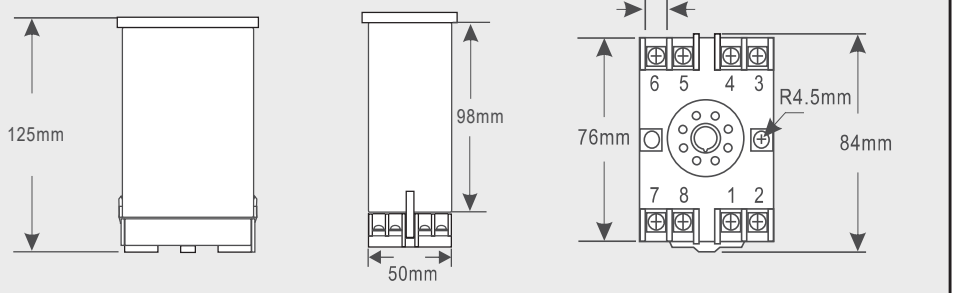
DCbox

4 DIGITAL MICRO-PROCESS SIGNAL ISOLATED TRANSMITTER

TA4





- 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 0.4" LED display range: - 9999~ 9999; decimal point selectable
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety

SPECIFICATION

- Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±0.2% F.S. ±1 digit (AC)
- Display Screen: High brightness red LED; 10.14 mm(0.4")
- Sampling Time: 60 cycles / sec
- Display Range: - 9999~9999
- Zero Adjustment: - 9999~9999
- Over Range Indication: doFL / ioFL or -doFL / -ioFL
- Polarity Indication: Automatic with "-" indication
- Parameters Setting: Push buttons
- Back Up Memory: EEPROM
- Alarm Action: "≧(Hi) on" or "< (Lo) on"
- Alarm Run Delay Time: 0~9999
- Relay Contact: AC 277V / 7A; DC 30V / 7A
- Analog Output Resolution: 15 bit
- Output Response Time: <250 msec (0~90%)
- Output Capability: Voltage Output: <20mA
  Current Output: <10V
- Communication: RS-485 Modbus RTU mode
- Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- 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/DC 100~240V; DC 22~50V
- Power Consumption: 6.5VA
- Surge Test: 2 KVac / 1min (Input / Power)
- Input Impendence: Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ
  Current: ≧0.2A at 100mV; <0.2A at 1V
- Installation: Socket / Plug in

ORDER INFORMATION

TA4 - [Code1] [Code2] [Code3] [Code4]

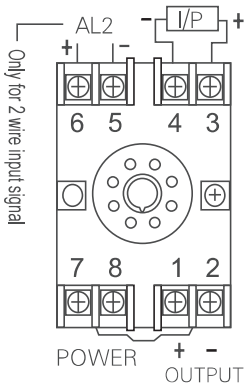
Code1	Input Type	Code2	Voltage		Current		Potentiometer		Resistor
D	DC	V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω
A	AC AVG	V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω
M	AC TRMS	V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ
I	2 Wire Resistor	V5	0~36V	A5	0~200mA			I5	0~100KΩ
L	Load Cell	V6	0~300V	A6	4~20mA		Load Cell	IO	Option
2	2, 3 Wire Sensor	V7	0~600V	A7	0~2A	L1	1mV/V EX.5V		
4	4 Wire Sensor	VO	Option	A8	0~5A	L2	2mV/V EX.5V		
				A9	0~10A	L3	3mV/V EX.5V		
				AO	Option				

Code3	Aux. Power
A	AC/DC100~240V
C	DC 22~50V

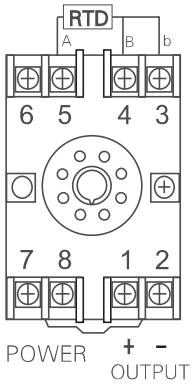
Code4	Output
R1	1 Relay
V	0~10V
A	4~20mA
Y	RS485
O	Other
R2	2 Relay (Only for 2 wire input signal)

WIRING CONNECTION

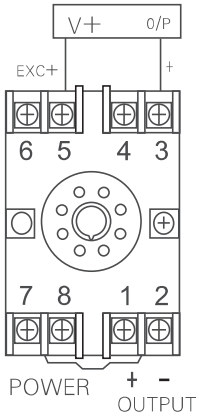
● Voltage, Current (AC, DC)



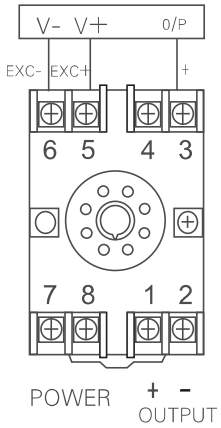
● Temperature (RTD)



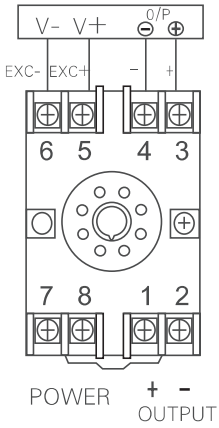
● 2 Wire Sensor



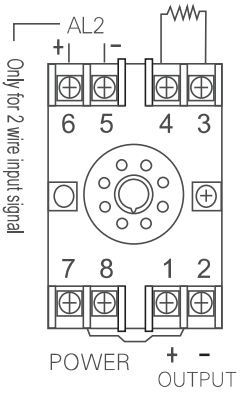
● 3 Wire Sensor



● 4 Wire Sensor or Load cell



● 2 Wire Resistor



● 3 Wire Petentiometer