

# CT-10W

## Digital Indicator

This product is suitable for measuring physical quantities (load, torque, displacement, pressure etc) applied to a strain gauge and using various kinds of sensors with small DC voltage.

It has functions such as digital display, analog and relay output as well as relatively fast response and high precision.

- Rapid sampling speed A/D (100times/sec)
- High precision (more than 0.02% F.S) and stability
- One touch Auto zero (Display & Analog out zero)
- Calibration with actual load and sensor output value
- Automatic return of system error



### SPECIFICATION

Application sensor	Strain gauge type sensor
Sensor authorized voltage	DC 5V
Zero adjustment range	100% F.S (Auto zero)
Signal input range	0.5 ~ 3.0 mV/V
Display range	-19999 ~ +99999
Character height	7 segment LED 14mm
A/D Converter	16bit 100times/sec
D/A Converter	12bit
Zero variation	Within 0.5 $\mu$ V/ $^{\circ}$ C
Sensitivity variation	Within 0.01%/ $^{\circ}$ C
Output	DC 0~10V (4~20mA: option)
Contact capacity	AC 250V 5A
Relay life span	Over 5 million times
Usage temperature range	-10 $^{\circ}$ C ~ 60 $^{\circ}$ C
Humidity	Less than 80% RH
Power	AC 220V 50/60Hz (AC 110V, DC 24V: Option)
Weight	About 800g

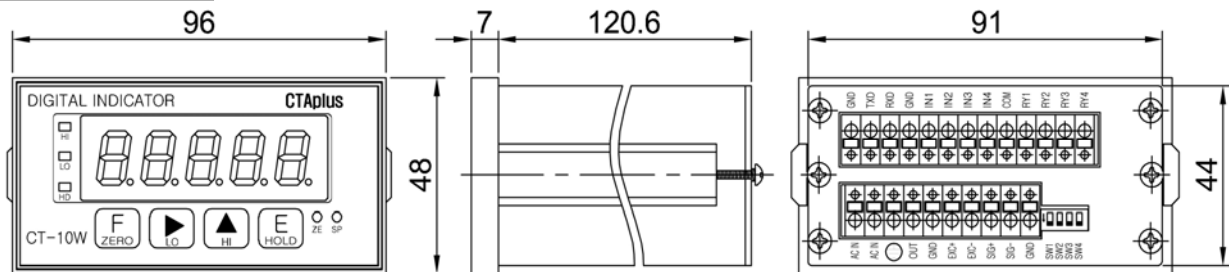
### FUNCTION

- Peak & Sample hold
- Upper and lower limit comparison output
- NG, OK decision function
- 4Relay output
- Analog out (DAC)

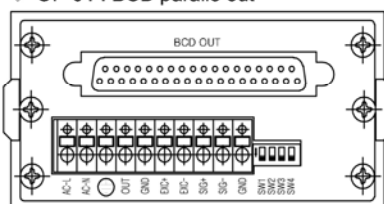
### OPTION

- OP-01: BCD parallel out
- OP-02: RS232C serial interface
- OP-03: RS485 multi drop interface
- OP-05: 8 step open collector output

### DIMENSION (mm)



◇ OP-01 : BCD parallel out



◇ OP-05 : 8 step open collector output

