

# CT-50W

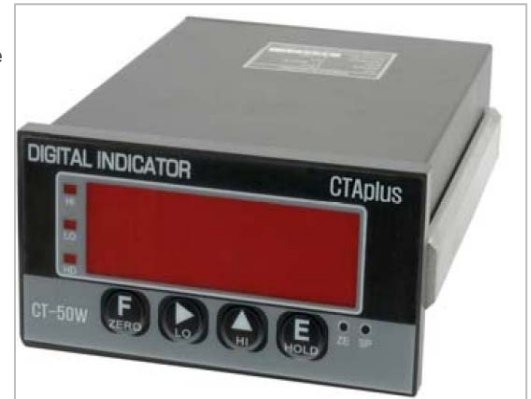
## Digital Indicator

### FEATURE

This product is an indicator that can display analog output of sensor using strain gauge and micro voltage output sensor.

It is capable of high-speed sampling and comparison output of 1000 times / second.

- High resolution : 24bit ADC, 16bit DAC
- High precision (more than 0.02% F.S) and stability
- Unit conversion (Kg, N, lb, kg/cm<sup>2</sup>, bar, Mpa)
- Analog peak hold
- Calibration with actual load and sensor output value
- One touch Auto zero (Display & Analog out zero)
- 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	24bit 1000times/sec
D/A Converter	16bit 1000times/sec
Zero variation	Within 0.5μV/°C
Sensitivity variation	Within 0.01%/°C
Output	DC ±10V (4~20mA: option)
Contact capacity	AC 250V 5A
Relay life span	Over 5 million times
Usage temperature range	-10°C ~ 60°C
Humidity	Less than 80% RH
Power	AC 90V ~ 240V 50/60Hz
Weight	About 450g

### 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)

