

CT-25W

Digital Indicator

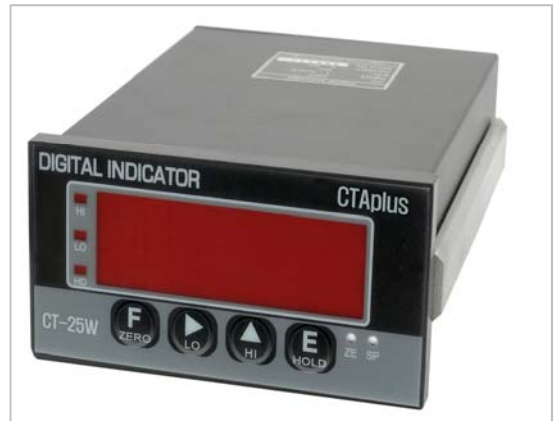
FEATURE

This product is suitable for differential trans-tyep displacement sensor (LVDT).

A constant-voltage AC power is supplied to the sensor and amplify the signal of the sensor output by the micro AC voltage.

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

- Optimal for Transformer type displacement measurement (LVDT)
- 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)
- Automatic return of system error



SPECIFICATION

Application sensor	Differential trans displacement sensor
Sensor authorized voltage	2Vrms/5kHz
Zero adjustment range	100% F.S (Auto zero)
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 μ 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 100V : option)
Weight	About 800g

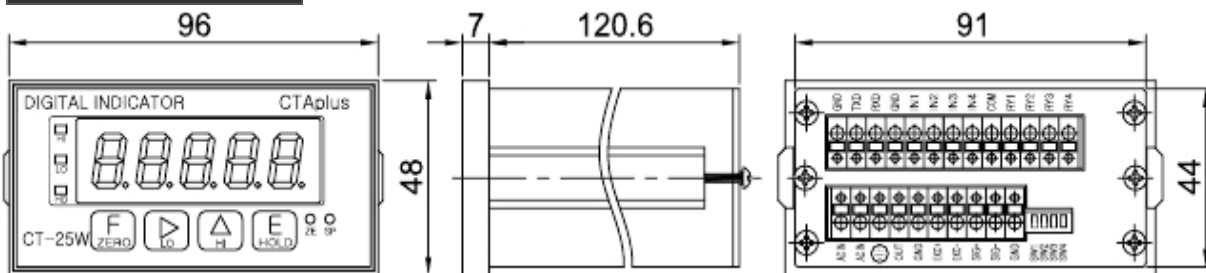
FUNCTION

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

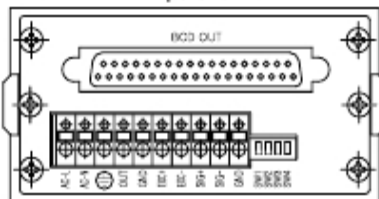
OPTION

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

DIMENSION (mm)



◇ OP-01 BCD paralle out



◇ OP-05 8 step opencollector output

