LVDT Indicator

> Model DN-25W

The DN25W shows signal of differential trane displace sensor (LVDT) into digital display and analogue output as indicator, and intermediate or high sampling (200 times/sec) and comparison output are available.

>SPECIFICATIONS

Specifications	Accuracy
Application sensor	linear variable differential transformer (HBT : half type, DP series)
Sensor authorized voltage	2Vrms / 5 kHz
Zero adjustment range	100% F.S (Auto Zero)
Input signal	AC 0 ~ 2mV/V
Display	−19999 ~ +99999
Character height	7 segment LED 5 Digit (14mm)
AD converter	24bit 200 times/sec
DA converter	16 bit 200 times/sec
Temperature Characteristic	±10ppm/℃
Analog output	DC 0 ~ ±10V or 4~20mA (Selective use)
Relay output	Contact capacity : 250VAC/3VDC 3A Relay life time : Over 10^7, Over 10^5 under the rated load)
Usage temperature range	−10℃ ~ 60℃
Humidity	Less than 80% RH (no dewing.)
Power source used	AC 90 ~ 240V 50/60Hz 8VA
Sizes	96×48×128mm
Panel cutting size	91.5×44.5mm
Weight	About 500g

■Feature

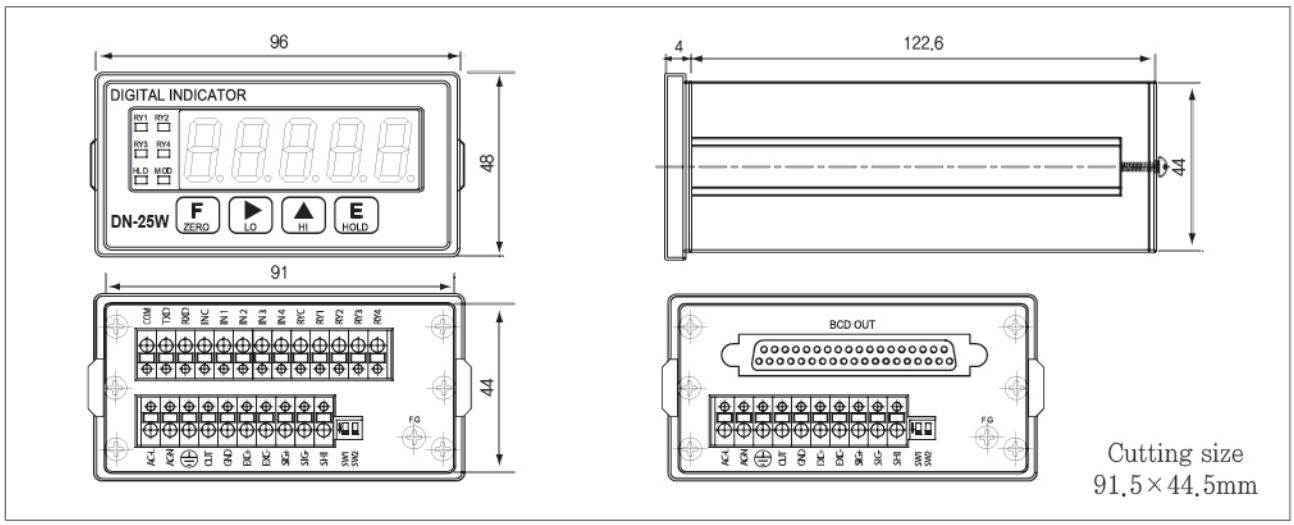
- Best for measuring transformer type displacement sensor (LVDT, DP Series)
- Rapid sampling speed (200 times/sec.)
- High resolving power (24bit A/D)
- High accuracy (over 0.02% F.S) and stability
- One touch auto zero (Display & Analog output zero, DAC)
- Watch dog
- Peak hold and Sample hold
- Upper and lower limit comparison output
- NG, OK decision function
- 4 Relay (HH, HI, LO, LL) out
- Standard Analog output
- Modbus RTU Protocol

■Option

- OP−01 : BCD paralle output
- OP−02 : RS232C serial interface (Basic Installation)
- OP−03 : RS485 Multi drop interface
- OP−10 : Power 24 VDC 0.3A
- OP−11 : Applied sensor LVDT

>DIMENSIONS

unit:mm



★Specifications are subject to change without notice.