

High Speed Digital Indicator

> Model DN-50W

The DN-50W have designed specifically to operate with strain gauge sensors such as Fast – measurement of Load cell, Pressure Transducer, LVDT, etc. The setup sequence is simple and quick using four push buttons only. And comparison output are available.

- Sampling speed : Appr. 1000Times Per Second
- Standard Analog output : 0~±10V, 4~20mA, 0~20mA



> SPECIFICATIONS

Specifications	Accuracy
Application sensor	Strain gauge sensor (350Ω or 700Ω)
Sensor authorized voltage (the number of Loadcell connection)	DC 5V, Loadcell(350Ω) available 4
Zero adjustment range	100% F · S (Auto Zero)
Input signal	0.5 ~ 3.0mV/V
AD converter	24bit (Max. 1000 times/sec)
DA converter	16bit (1000 times/sec)
Display	-19999 ~ +99999
Display speed	Approx 32times/sec
Character height	7 Segment 14mm
Decimal point	Random setting available
Sampling speed	Max 1000 times/sec
Zero variation	±10 ppm/°C
Sensitivity variation	±10 ppm/°C
Voltage output	DC 0 ~ ±10V or 4~20mA
Usage temperature range	-10°C to 60°C
Humidity	Less than 80% RH (no dew condensation)
Power source used	AC 85 ~ 240V 50/60Hz
Relay output	Contact capacity : AC 250V 5A Relay life time : more than 5,000,000 times
Dimension & Weight	96×48×128mm, About 500g

■ Feature

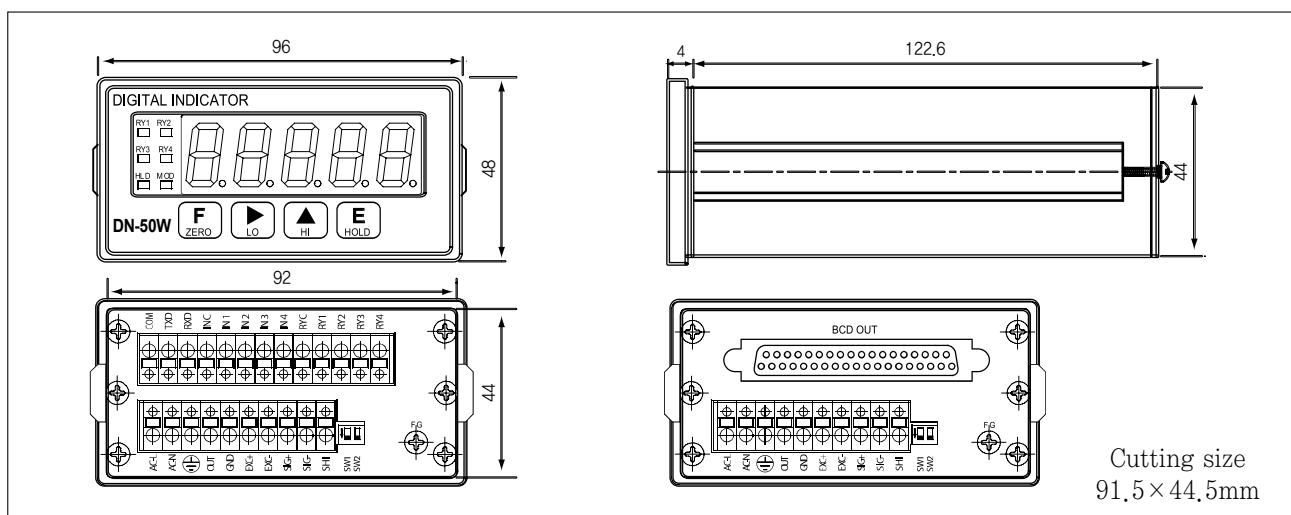
- High resolution (24bit ADC, 16bit DAC)
- High precision (more than 0.01% F,S) and stability
- Quick sampling speed (1000times/sec)
- Relay output : Hi, Low, NG, OK.
- Unit conversion : kg, N, lb, kg/cm², bar, MPa
- Display part and analogue zero by auto zero (DAC)
- Modbus RTU Protocol
- Peak & sample hold
- Watch dog

■ Option

- OP-01 : BCD paralle out
- OP-02 : RS232C serial interface (Standard installed)
- OP-03 : RS485 Multi drop interface
- OP-10 : Power 24VDC
- OP-14 : Input signal 5mV/V
- OP-15 : Input signal 10mV/V

> DIMENSIONS

unit:mm



★ Specifications are subject to change without notice.