

AC Digital Indicator

> Model DN-27W

DN-27W, an indicator displaying micro-voltage signal in digital amplified from differential trans sensors, is used for fast-measurement of brushless type torque meter (Model TRC).

- Sampling speed : Appr. 200 Times Per Second
- Standard Analog output : 0~±10V, 4~20mA, 0~20mA



>SPECIFICATIONS

| Specifications | Accuracy |
|----------------------------|--|
| Application sensor | Transformer method torque transducer (TRC) |
| Sensor authorized voltage | 2Vrms / 5 kHz ±0.1 kHz |
| Zero adjustment range | 100% F.S (Auto Zero) |
| Input signal | 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/°C |
| 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 ⁸ under the rated load) |
| Usage temperature range | -10°C ~ 60°C |
| 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

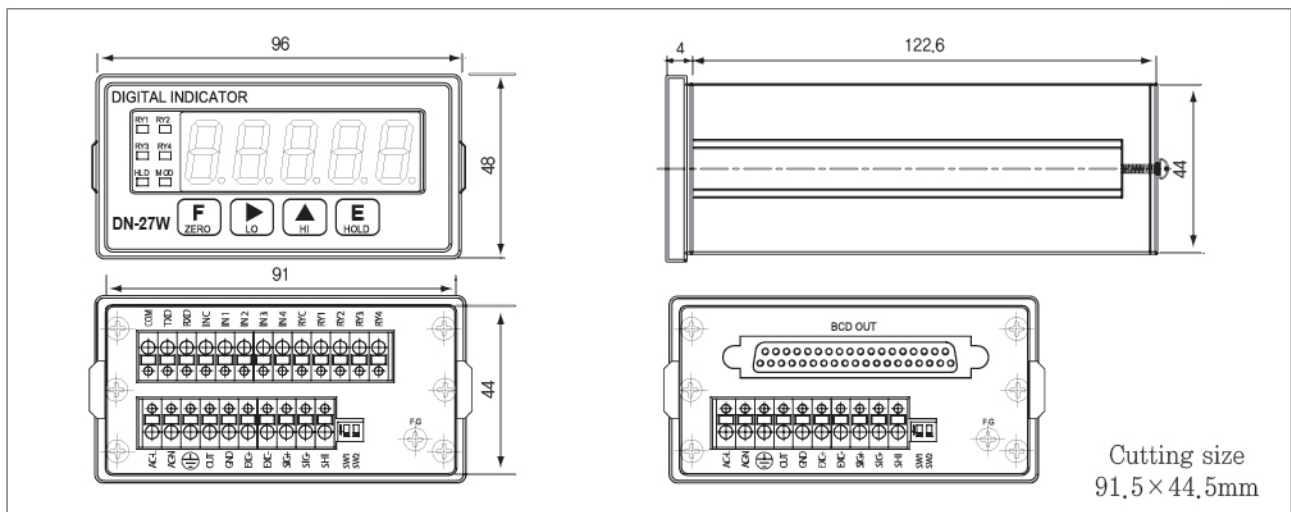
- High resolution (24bit ADC, 16bit DAC)
- High precision (more than 0.01% F.S) and stability
- Sampling speed (200 times/sec)
- Unit conversion : kg, N, lb, kg/cm², bar, MPa
- Display part and analogue zero by auto zero (DAC)
- Watch dog
- Calibration of actual load and sensor output value
- Peak hold and Sample hold
- Relay output : Hi, Low, NG, OK.
- Modbus RTU Protocol, RS232C serial interface (Standard installed)

■ Option

- OP-01 : BCD parallel out
- OP-03 : RS485 Multi drop interface
- OP-10 : DC 24V 0.3A

>DIMENSIONS

unit:mm



★Specifications are subject to change without notice.