

DIGITAL INDICATOR



Model DN10

The DN-10 has been designed specifically to operate with strain gauge sensors such as Load cell, Pressure Transducer, LVDT, etc.

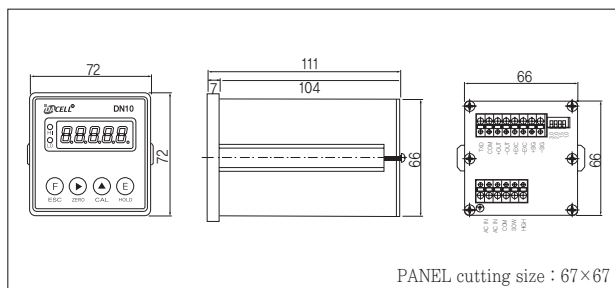
- The setup sequence is simple and quick using four push buttons only.
- Calibration mode : real-weight(stand weight) or rated output(mv/v)from the sensor.
- Sampling speed : Appr. 100 times per second.
- Comparison function(Hi, Lo)
- Watch dog
- DIN size, 72×72×111mm
- One touch Auto zero(Display & Analog Auto zero)

SPECIFICATIONS

| Specifications | Accuracy |
|---------------------------|---|
| Application sensor | Strain gauge sensor (350Ω or 700Ω) |
| Sensor authorized voltage | DC 5V (350Ω X 4 loadcells) |
| Zero adjustment range | 100%F · S (Auto Zero) |
| Gain adjustment | 0.5 ~ 3mV/V |
| Display | -19999 ~ 99999 |
| Display Speed | Approx. 30 times/sec |
| Character height | 7 segment LED 10mm |
| Decimal point | Random setting available |
| A/D converter | 16bit, 100 times/sec |
| D/A converter | 12bit |
| Zero variation | within 0.5μV/°C |
| Sensitivity variation | within 0.01%/°C |
| voltage output | DC 0~10V (4~20mA : in accordance with customer request) |
| Usage temperature range | -10°C~60°C |
| Humidity | Less than 80% RH (no dew condensation) |
| Power source used | 220V 50/60Hz (110V available by internal operation) |
| Option | OP-02 : RS232C, OP-03 : RS485 |

DIMENSIONS

unit:mm



★Specifications are subject to change without notice.



Model DN-20W

Pressure Transducer, LVDT, etc. The setup sequence is simple and quick using four push buttons only.

- High resolving power (16bit A/D)
- High precision (more than 0.012% F,S) and stability
- Quick sampling speed (100 times/sec)
- Built-in Shunt calibration switch
- Watch dog
- Calibration of actual load and sensor output value
- Peak hold and Sample hold
- Auto zero
- Small size (96×48×128mm),
- Weight : about 700g

Option

- OP-06 : Power 24VDC

SPECIFICATIONS

| Specifications | Accuracy |
|---------------------------|--|
| Application sensor | Pressure sensor, Linear Potentiometer(LPS, CTP) |
| Sensor authorized voltage | DC 10V, 24V (Dip switch) |
| Zero adjustment range | 100%F · S (Auto Zero) |
| Input signal | DC 0~5V, 0~10V, 4~20mA |
| Display | -19999 ~ 99999 |
| Display Speed | Approx 30times/sec(Adjustment available by buff setting) |
| Character height | 7Segment 5 digit LED 14mm |
| Decimal point | Random setting available |
| A/D converter | 16bit, 100 times/sec |
| D/A converter | 12bit |
| Zero variation | within 0.5μV/°C |
| Sensitivity variation | within 0.01%/°C |
| voltage output | DC 0~10V (4~20mA : in accordance with customer request) |
| Usage temperature range | -10°C~60°C |
| Humidity | Less than 80% RH (no dew condensation) |
| Power source used | 220V 50/60Hz (110V available by internal operation) |
| Relay output | - Upper and lower limit comparison output • 4 relay output • Contact capacity : AC 250V 5A • Relay life time : more than 5,000,000 times |
| Network | RS-232C |
| Option | • BCD Paralle out (OP-01) • RS485 (OP-02) |

DIMENSIONS

unit:mm

