

# DIGITAL INDICATOR

# DN-70

## Description

The DN-70 has designed specifically to operate with strain gauge sensors such as Fast – measurement of Loadcell, Torque sensor etc.

## Feature

High precision (more than 0.02% F.S) and stability  
 sampling speed (100times/sec)  
 One touch auto zero  
 Small Size (48×48×128mm)  
 Calibration by sensor output value



## Function

3 Relay output  
 Peak &  
 sample hold

## Option

- OP-02 : RS232C serial interface
- OP-03 : RS485 Multi drop interface
- OP-06 : Analog out(DAC)

## Specification

Available sensor	Strain Gauge sensor
Sensor authorized voltage	DC 5V, Loadcell(350Ω) available 4
Zero adjustment range	100% F.S (Auto Zero)
Input signal	1 ~ 3mV/V
Display	-19999 ~ +99999
Character height	7 segment LED 5 Digit (8.0mm)
AD converter	24 bit
DA converter	16 bit
Zero variation	within 0.5μV/°C
Sensitivity variation	50ppm/°C
Voltage output(OPTION)	DC 0 ~ 10V ( 4 ~ 20mA : option)
Relay output	AC 250V 3A Relay life time : more than 1,000,000 times
Usage temperature range	-10°C ~ 60°C
Humidity	less than 80% RH (no dew condensation)
Power source used	DC 24V 0.1A
Size	48 × 48 × 128mm
Cutting size	45.5 × 45.5mm
Weight	About 280 g

## Dimension (Unit: mm)

