

### FEATURE

This product is sensor of measuring physical volume (load, displacement, pressure, torque etc) and is suitable for sensor that can be output minuteness current voltage. Also, this has battery-powered that can be used where power supply is difficult.

In addition to, display has small liquid crystal display.

- Simple outdoor using in use of battery
- Rapid sampling speed (100 times/sec)
- High resolving power (16bit A/D)
- High accuracy (over 0.05% F.S) and stability
- One touch auto zero (Display zero)
- Calibration of actual load and sensor output value
- System error automatic return



### SPECIFICATION

Application sensor	Strain gauge type sensor
Sensor authorized voltage	DC 5V
Zero adjustment range	100% F.S (Auto zero)
Signal input range	0.5 ~ 3 mV/V
Display range	19999
Display speed	About 30 times/sec
Character height	4 1/2 digit LCD
A/D	16bit 100 times/sec
Zero variation	Within 0.5 $\mu$ V/ $^{\circ}$ C
Sensitivity variation	Within 0.01%/ $^{\circ}$ C
Usage temperature range	-10 $^{\circ}$ C ~ 60 $^{\circ}$ C
Humidity	Less than 80% RH
Power	DC 7.2V(600mAh) recharging battery DC 12V adapter, DC 24V adapter
Weight	About 500g

### FUNCTION

- Peak & Sample hold
- Upper and lower limit comparison output (open collector out)

### OPTION

- OP-02: RS232C serial interface
- OP-03: RS485 multi drop interface

### DIMENSION

