

HIGH SPEED DIGITAL INDICATOR

Model MTT-1000

The MTT-1000 have designed specifically to operate with strain gauge sensors such as Fast -measurement of Loadcell, Torquemeters, Pressure Transducer, LVDT, etc.,

- High resolution
- High precision and stability
- Quick sampling speed
- UNIT CONVERSION : kg, N, lb, kg/cm2, bar, Mpa
- Display part and analogue zero by auto zero(DAC)
- Relay output : Hi, Low, NG, OK.
- Watch dog
- Calibration of actual load and sensor output value
- Peak & sample hold, Average hold
- Analog Peak Hold
- MTT-1000 : sampling speed : Appr. 1000Times Per Second



SPECIFICATIONS

Specifications	Accuracy
	MTT-1000
Application sensor	Strain guage sensors
Sensor authorized voltage (the number of Loadcell connection)	DC 5V, Loadcell(350Ω) available 4
Zero adjustment range	100%F.S (Auto Zero)
Input signal	0.5~3mV/V
Display	-19999~+99999
Character height	7Segment 14mm
Decimal point	Random setting available
A/D converter	24bit 1000 times/sec
D/A converter	16bit 1000 times/sec
Relay output	Contact capacity : AC250V 5A, Relay life time : mor e than 5,000,000 times
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	AC 85 ~ 265V 50/60Hz
Weight	1000g
Option	OP-01 : BCD output OP-02 : RS232C serial interface OP-03 : RS485 Multi drop interface OP-04 : RS422 serial interface OP-06 : Power 24VDC

DIMENSIONS

unit:mm

