

# CT-130

## Digital Indicator

### FEATURE

This product performs the functions of two digital display, analog output and relay output by receiving the pulse signal from torque sensor using the strain gauge and the proximity sensor type (our MP-981).

It has high speed response and high precision.

- Torque & RPM simultaneous measurement
- High resolution : 24bit ADC, 16bit DAC
- High precision (more than 0.01% F.S) and stability
- Unit conversion (kg, N, lb, kg/cm<sup>2</sup>, bar, Mpa)
- Calibration with actual load and sensor output value
- Auto zero function (display & analog output zero simultaneously)
- Automatic return of system error



### SPECIFICATION

	TORQUE	RPM
Application sensor	Strain gauge type torque sensor	Proximity (MP-981)
Sensor authorized Voltage	DC 5V	DC 12V
Zero adjustment range	100% F.S (Auto zero)	
Signal input range	0.5 ~ 3.0 mV/V	1~350 pulse/circle
Display range	-19999 ~ +99999	0 ~ 60000
Character height	7 segment LED 14mm	
A/D Converter	24bit 1000times/sec	
D/A Converter	16bit 1000times/sec	
Zero variation	Within 0.5μV/°C	
Sensitivity variation	Within 0.01%/°C	
Output	DC 0~10V (4~20mA:option)	
Contact capacity	AC 250V 5A	
Relay life span	Over 5 million times	
Usage temperature range	-10°C ~ 60°C	
Humidity	Less than 80% RH	
Power	AC 90 ~ 240V 50/60Hz	
Weight	About 600g	

### FUNCTION

- Peak & Sample hold
- Upper and lower limit comparison output
- Analog out (DAC)

### OPTION

- OP-02: RS232C serial interface
- OP-03: RS485C multi drop interface

### DIMENSION (mm)

