



# CT-130

## Digital Indicator

www.ctaplus.com

### FEATURE

The product is indicator that can use torque and RPM measurement at the same time. Digital display and analogue output, comparison output are available.

- Torque & RPM simultaneous measurement
- High resolving power (24bit ADC, 16bit DAC)
- High accuracy (over 0.01% F.S) and stability
- Unit conversion (kg, N, lb, kg/cm<sup>2</sup>, bar, Mpa)
- Rapid sampling speed (1000 times/sec)
- System error automatic return
- Calibration of actual load and sensor output value
- Auto zero function (Display & analogue out zero)



### SPECIFICATION

	TORQUE	RPM
Application sensor	Strain gauge type torque sensor	Proximity sensor (MP-981)
Sensor authorized voltage	DC 5V	DC 12V
Zero adjustment range	100% F.S (Auto zero)	
Signal input range	0.5 ~ 3 mV/V	1~350 pulse/circle
Display range	-19999 ~ +99999	0 ~ 60000
Character height	7 segment LED 14mm	
A/D converter	24bit 1000 times/sec	
D/A converter	16bit 1000 times/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: RS485 multi drop interface

### DIMENSION

