

2ch Digital Indicator

> Model DN-130T, DN-230A

These indicators can use Torque and RPM measurement at the same time. Digital display and analog output, comparison output are available.

- Torque, RPM simultaneous measurement
- High resolution (24bit ADC, 16bit DAC)
- High precision (more than 0.01% F.S) and stability
- Calibration of actual load and sensor output value
- Unit conversion : kg, N, l b, kg/cm², bar, MPa
- Quick sampling speed (2000times/sec)
- Watch dog
- Upper and lower limit comparison output (Torque, RPM)
- 2 Relay contact output per channel
- Analog output (Torque, RPM)
- Analog out (DAC) : Display part and analogue zero by auto zero
- Modbus RTU protocol



■ Option

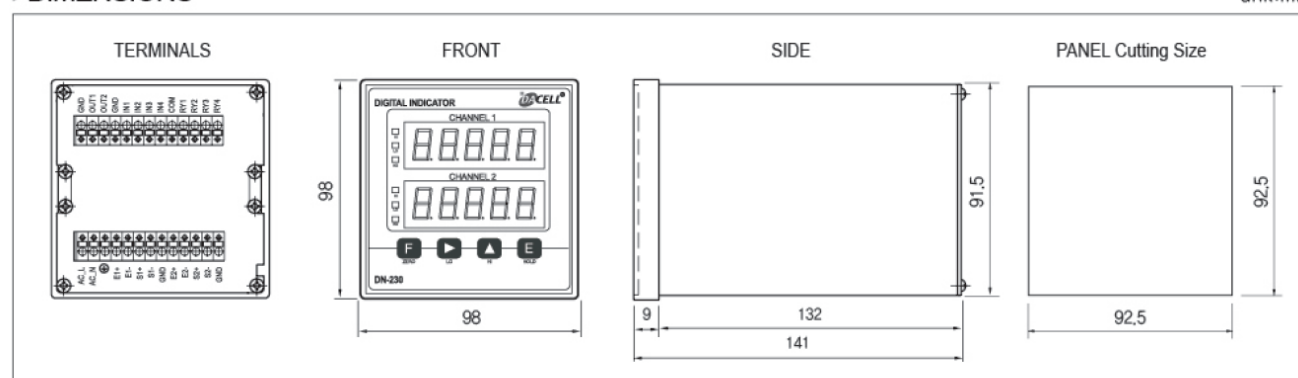
- OP-01 : BCD out
- OP-02 : RS232C (Default Mounting)
- OP-03 : RS485
- OP-10 : Power DC24V 0.3A

>SPECIFICATIONS

Specifications	Accuracy	
	DN130T	DN230A
Application sensor	Torque : Brush type torquemeter (TRB) RPM : Proximity sensor (MP981, RS-025)	Torque : Brushless type torquemeter (TRC) RPM : Proximity sensor (MP981, RS-025)
Sensor authorized voltage	Torque : DC 5V / RPM : DC 12V	Torque : DC 2Vrms, 5kHz / RPM : DC 12V
Input signal	Torque : 0.5 ~ 3mV/V / RPM : DC 12V	Torque : 0.5 ~ 2mV/V / RPM : 1 ~ 350 pulse/circle
Zero adjustment range	Torque : 100% F.S (Auto Zero)	
Display	Torque : -19999 ~ +99999 / RPM : 0 ~ +99999	
Character height	7 Segment LED 14mm	
AD converter	Torque : 24 bit 2,000 sps / RPM : Input frequency 1 ~ 10kHz	
DA converter	Torque : 16 bit 2kHz / RPM : 16bit	
Temperature Characteristic	±10ppm/°C	
Analog output	DC 0 ~ ±10V or 4~20mA(Selective use)	
Relay output	Contact capacity : 250VAC/3VDC 3A Relay life time : Over 10 ⁷ , Over 10 ⁵ under the rated load)	
Usage temperature range	-10°C ~ 60°C	
Humidity	Less than 80% RH (no dewing.)	
Power source used	AC 90 ~ 240V 50/60Hz 8VA	
Sizes	96×98×141mm	
Panel cutting size	92.5×92.5mm	
Weight	About 700g	

>DIMENSIONS

unit:mm



★ Specifications are subject to change without notice.