

DIGITAL WEIGHING INDICATOR

PRINTER INDICATOR



> Model DN530N

- Application of Packer, Filler, Hopper, Limit, Loss-In weighing
- 3 Step Control (PRESET1, PRESET2, PRESET3)
- 6 Control RELAY MODE :SP1, SP2, SP3, FINISH, ERROR, NEAR, ZERO
- RELAY OUTPUT MODE :(LIMIT, PACKER, DISCHARGE LIMIT, LOSS IN MODE1, LOSS IN MODE2)
- Improved A/D Conversion speed and resolution(Max. 200times, 1/520,000)

> SPECIFICATIONS

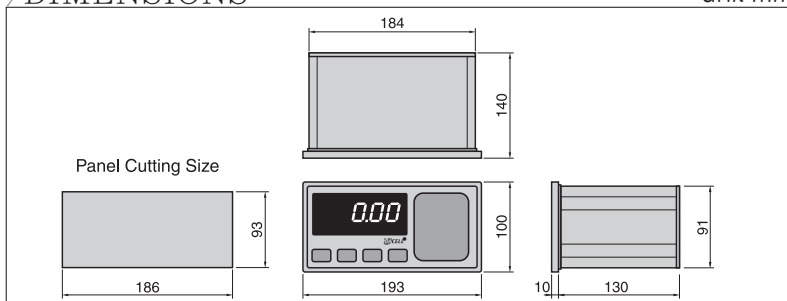
Specifications	Accuracy
Load cell excitation	10VDC±5%, 320mA
A/D converting speed	200times/sec
A/D converter resolution	1/520,000 counts(19bits), ΔΣ
Non-linearity	0.01% of full scale
Zero adjustment range	-0.6mV~42mV
Display Unit	7 segment, 20.0mm(H)×13.0(W)mm
Annunciator	steady, zero, tare, Run, SP1, SP2, hold, Interface
Decimal point position	0, 0.0, 0.00, 0.000
Keyboard	Number key and function key 12 PCS.
Temperature-drift	zero ±20PPM/°C, span ±20PPM/°C
Rear panel	Loadcell input : 5pin connector External control : 12pin input terminal (zero, tare, tare reset/hold/print, gross/hold reset/subprint, Current loop, RS232C) control relay output : 7pin terminal
Power	SMPS Free Voltage (85V~265V)

Option ① Analog Out-put (V-out) : 0~10V, 0~5V ② Analog Out-put (I-out) : 4~20mA
③ Serial I / F : RS-422, RS-485 ④ BCD In-put
⑤ BCD In-out * RS232C and Current loop : Standard Installed

> RELAY MODE

	OUT1	OUT2	OUT3	OUT4	OUT5	OUT6
Limit ("A" Dry)	SP1	SP2	SP3	Low N.G	High N.G	Zero
Packer ("B" Dry)	SP1	SP2	SP3	Finish	N.G	Zero
Discharge Limit	SP1	SP2	SP3	Low N.G	High N.G	Zero
Feed Discharge	SP1(Feed)	SP2(Dis1)	SP3(Dis2)	Low N.G	High N.G	Zero
1 Feed / 2 Discharge	SP1(Feed)	SP2(Dis1)	SP3(Dis2)	Finish	N.G	Zero
2 Feed / 1 Discharge	SP1(Feed)	SP2(Dis1)	SP3(Dis2)	Finish	N.G	Zero

> DIMENSIONS



★Specifications are subject to change without notice.

> Model DN-5200N

- Industrial Control Application with Printing
- Limit / Packer / Checker / Hopper / Testing
- 6pcs Control Relay built in
- A/D Sampling : 200times/sec
- Printer built in / Compact size
- Thermal type High Speed printing
- Peak / Sample / Average Hold Function
- Display Resolution : 1/30,000
- Various Options

> SPECIFICATIONS

Specifications	Accuracy
Input Sensitivity	0.2mV / Digit
Load Cell Excitation	DC 10V (- 5V ~ + 5V)
Max. Signal Input Voltage	Max.32mV
Temperature Coefficient	[Zero] ±20PPM/°C [Span] ±20PPM/°C
Input Noise	±0.6μV P.P
Input Impedance	Over 10MΩ
A/D Conversion Method	Sigma-Delta
A/D Resolution(Internal)	520,000 Count(19bit)
A/D Sampling Rate	Max. 200times / Sec
Non-Linearity	0.01% FS
Display Resolution(External)	1/30,000

Option

① Analog Out-put (V-out) : 0~10V, 0~5V ② Analog Out-put (I-out) : 4~20mA
③ Serial I / F : RS-422, RS-485 ④ BCD In-put
⑤ BCD In-out
* RS232C and Current loop : Standard Installed

> RELAY MODE

	OUT1	OUT2	OUT3	OUT4	OUT5	OUT6
Limit	SP1	SP2	SP3	SP4	Finish	Zero
Packer	SP1	SP2	SP3	SP4	Finish	Zero
Checker 1 (Stable mode)	Low	High	OK	Low N.G	High N.G	Zero
Checker 2 (Range mode)	SP1	SP1<SP2	SP2<SP3	SP3<SP4	SP4<	Zero

unit:mm > APPLICATION

