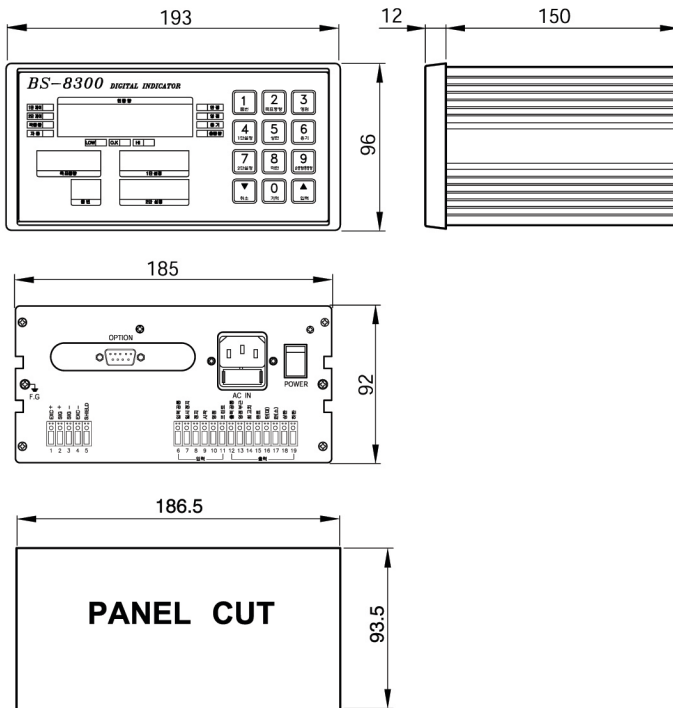


Model BS-8300 Series

High Performance Digital Indicator



ORDERING INFORMATION

BS-8300 - 1 0

MODEL

Output

- 0 : Standard
- 1 : RS-232C Serial Output (Option)
- 2 : RS-422, 485 Serial Output (Option)
- 3 : BCD Parallel Output (Option)

Operating voltage

- 1 : 110V, 50/60Hz
- 2 : 220V, 50/60Hz

For:

- Industrial weighing applications
- Hopper, Packer, Limit Scale, Control for Platform

Features:

- 2 Step control (Bulk 90%, Dribble 100%)
- Memory of 50 kinds of part numbers
- Auto fall compensation
- BCD input in 2 digits(External input of part number)
- Response setting system
- 7built-in control relays(1st 90%, 2nd 100%, Finish, Low, High, Empty/Zero, Full)

SPECIFICATIONS

Analog signal Input range	-1mV ~ +34mV
Non-linearity	0.01% F.S. max.
Max. display resolution	1/20,000
Min. input sensitivity	0.3μV/Digit (min.)
Temperature Drift	Zero : ±0.2μV/°C RTI max. SPAN : 20ppm/°C max.
Load Cell Excitation	DC 10V , 300mA (350 ohm x 8 load cell)
Input noise	±0.3μVpp
Input impedance	10MΩ
A/D converter	24bit sigma-delta
A/D internal resolution	1/200,000
A/D Sampling speed	50 times/sec
Display	7segments 6digit LED 14.1mm
Display speed	50times/sec ~ 2times/sec
Polarity indication (-)	"-" Minus sign
Annunciators	Zero alarm, Stable, Gross, Tare, SP1, SP2, Auto, Action, Low, OK, HI
Set point mode	Relay output mode Mode1: Limit(2Step Control) Mode2: Packer(2Step Control)
Input Signal	Stop, Start, Emergency, Zero, Print
Output Relay	SP1, SP2, Finish, Low, High, Empty/Zero, Full
Display increments	1, 2, 5, 10, 20, 50, 100, 200-selectable
Decimal points	Selectable to any points
Operating voltage	AC 110, 220V ±10%, 50/60Hz
Power consumption	Approx. 30VA
Operating Temperature	-10°C ~ 40°C
Output	RS-232C serial output
Options	1)RS-232C Serial output 2)RS-422, 485 Serial output 3)Printer I/F: Centronics Serial 4)Parallel input: BCD Input -2Digits(external input of part number)
Weight	Approx. 2.5kg