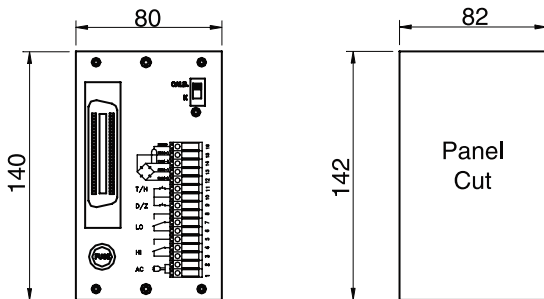
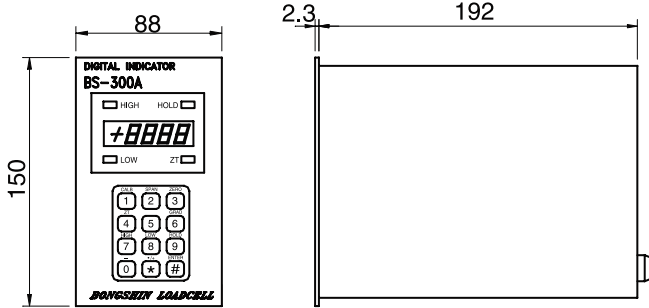


## Model BS-300A Series Digital Indicator



### ORDERING INFORMATION

BS-300A - 1 0

MODEL

Output

- 0 : Standard
- 1 : BCD Parallel Output (Option)
- 2 : DC 0~10V Analog Output (Option)
- 3 : DC 4~20mA Analog Output (Option)
- 4 : RS-232C Serial Output (Option)

Operating voltage

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

For :

- Load cells
- Pressure, torque and displacement transducers

### Features:

- 2 set point relay output
- Bipolar measurement
- Simulative or live load calibration
- 4 digit high brightness LED display
- Front panel calibration and operation

### SPECIFICATIONS

Analog signal Input range	0mV ~ ±34mV
Non-linearity	0.03% F.S. max.
Max. display resolution	1/10,000
Input sensitivity	1.0μV/Digit (min.)
Temperature Drift	Zero : ±0.25μV/°C RTI max. SPAN : 30ppm/°C max.
Load Cell Excitation	DC 10V , 120mA (350 ohm x 4 load cell)
Input noise	±0.3μVpp
Input impedance	10MΩ
A/D converter	Dual slope
A/D internal resolution	1/20,000
A/D Sampling speed	15 times/sec
Display	7 segments LED(10mm), 4 digit
Display speed	15times/sec ~ 2times/sec
Polarity indication (-)	"-" Minus sign
Annunciators	High, Low, Hold, Zero tracking,
Display increments	1,2,5,10,20,50 selectable
Decimal points	Selectable to any points
Set point relay output	Relay contact output AC 240V, 2A or DC 30V, 2A
Hold mode	Response-Appr. 1 KHz Accuracy-0.1% FS Max. Mode-Peak hold/Instant hold selectable by front panel push button
Operating Voltage	AC 110, 220V ±10%, 50/60Hz
Power Consumption	Approx. 8VA
Operating Temperature	-10°C ~ 40°C
Option	
OP-1-BCD parallel output	Isolated open collector (Maximum input voltage;DC 30V,20mA)
OP-2-Analog output	Voltage output (0~10V)
OP-3-Analog output	Current output (4~20mA)
OP-4-RS-232C output	RS-232C output
Weight	Approx. 2.2kg

\* Specifications are subject to change without notice

JAN, 2010