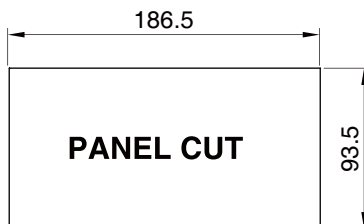
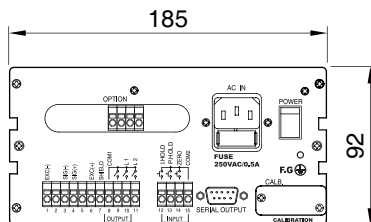
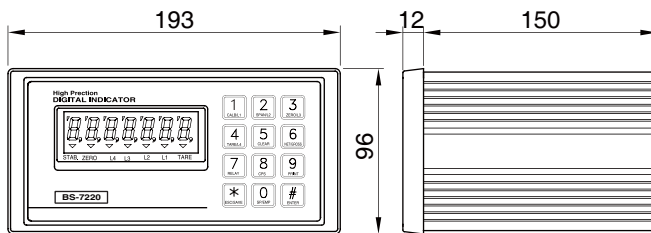


Model BS-7220 Series

High Performance Digital Indicator



ORDERING INFORMATION

BS-7220 - 1 0

MODEL

Output

- 0 : RS-232C Serial output (Standard)
- 1 : RS-422, 485 Serial output (Option)
- 2 : Current Loop (Option)
- 3 : DC 0~10V Analog output (Option)
- 4 : DC 4~20mA Analog output (Option)
- 5 : BCD Parallel output (Option)

Operating voltage

- 1 : AC 110V, 50/60Hz
- 2 : AC 220V, 50/60Hz
- 3 : AC 230V, 50/60Hz

For:

- Industrial weighing applications
- Force, pressure & torque measurements

Features:

- 24 Bit sigma-delta A/D converter for high accuracy
- 2 Set point relay output
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- Peak hold and remote auto zero
- High brightness VFD display
- RS-232C interface

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				
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	VFD, 7 segments green, 13mm high				
Display speed	50times/sec ~ 2times/sec				
Polarity indication (-)	"-" Minus sign				
Annunciators	Stable, Zero, L1, L2, Tare				
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. 20VA				
Operating Temperature	-10°C ~ 40°C				
Output	<table border="1"> <tr> <th>Standard</th><td>RS-232C serial output</td></tr> <tr> <th>Options</th><td> 1) RS-422/485 (Serial output) 2) Current loop 3) DC 0~10V (Voltage output) 4) DC 4~20mA (Current output) 5) BCD Parallel output </td></tr> </table>	Standard	RS-232C serial output	Options	1) RS-422/485 (Serial output) 2) Current loop 3) DC 0~10V (Voltage output) 4) DC 4~20mA (Current output) 5) BCD Parallel output
Standard	RS-232C serial output				
Options	1) RS-422/485 (Serial output) 2) Current loop 3) DC 0~10V (Voltage output) 4) DC 4~20mA (Current output) 5) BCD Parallel output				
Weight	Approx. 2.5kg				

* Specifications are subject to change without notice

APR, 2020

BONGSHIN LOADCELL CO., LTD.

55, Seobuk-ro, Gajang Ind.Complex, Osan-si, Korea / 18103
 TEL : 82-31-742-6661 www.bongshin.com
 FAX : 82-31-742-6664 E-mail : loadcell@bongshin.com