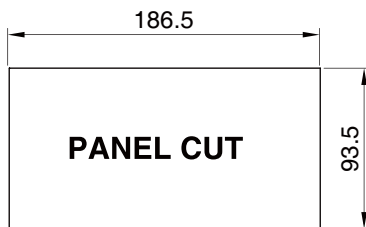
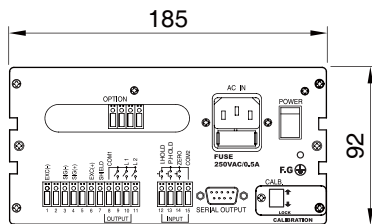
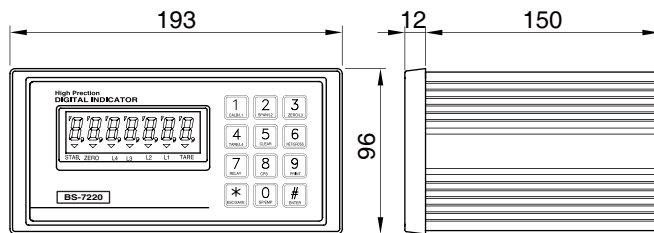


## Model BS-7220 Series

### 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"> <thead> <tr> <th>Standard</th> <th>Options</th> </tr> </thead> <tbody> <tr> <td>RS-232C serial output</td> <td>1) RS-422/485 (Serial output)</td> </tr> <tr> <td></td> <td>2) Current loop</td> </tr> <tr> <td></td> <td>3) DC 0~10V (Voltage output)</td> </tr> <tr> <td></td> <td>4) DC 4~20mA (Current output)</td> </tr> <tr> <td></td> <td>5) BCD Parallel output</td> </tr> </tbody> </table>	Standard	Options	RS-232C serial output	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
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Weight	Approx. 2.5kg												

\* Specifications are subject to change without notice

APR, 2018