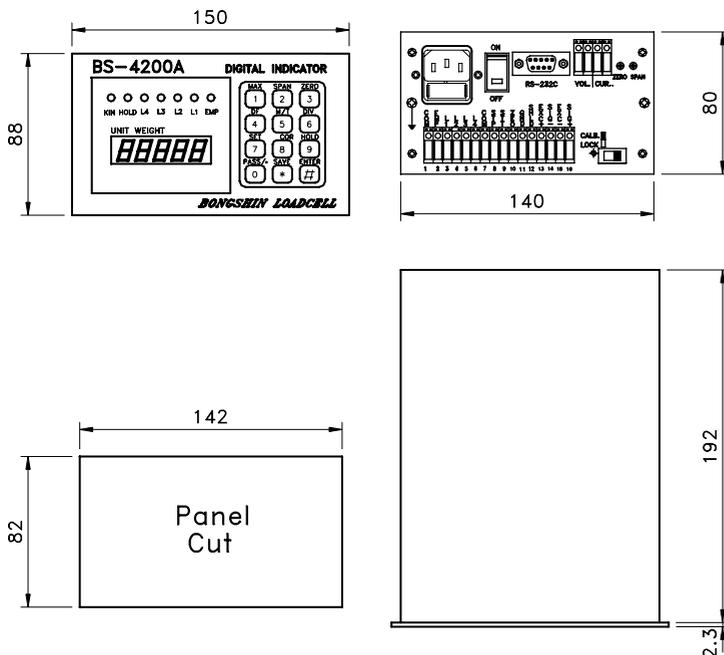
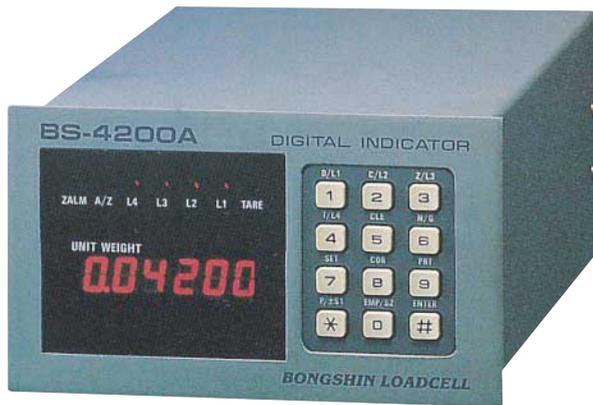


Model BS-4200A Series Digital Indicator



For:

- Load cells
- Pressure, torque and displacement transducers

Features:

- Front panel calibration and operation
- Simulative or live load calibration
- 5 digit high brightness LED display

SPECIFICATIONS

1. Analog signal Input range	Min. 0.5mV/V, Max. 3.2mV/V
2. Non-linearity	+0.02% of full scale
3. Internal resolution	±1/200,000
4. Temp. coefficient for transducer or loadcell	Zero-0.25 μ V/°C RTI Max. Span-within 0.01% reading/°C
5. Excitation for pressure transducer or loadcell	DC 12V, 300mA
6. Display	
Type	LED, 7 segments red, 10mm high
Active digit	unit weight (00000~99990),
Polarity indication	"-" sign ("-" ranges are limited 30% of F.C)
Display increments	1,2,5,10-selectable
Decimal points	Selectable to any points
Status annunciators	Zero alarm, auto-zero, relay point (L1~L4), tare
7. Sampling speed	Appr. 30 times per second
8. Set point mode	Relay output mode Mode 1: 4 relay outputs, 3 setpoints Mode 2: 4 relay outputs, 4 setpoints Mode 3: Relay by external signal Mode 4: Gross total, 4 relay, 3 setpoints Mode 5: Gross total, 4 relay, 4 setpoints
9. Operating Voltage	AC 110, 220V select by input power changeable holder
10. Power Consumption	Appr. 18VA
11. Calibration	Live load calibration by front panel push button
12. Hold mode	Peak hold (only available on BS4220A), average hold
13. Interface	
1. Analog Output	Voltage output (DC 0-10V)
2. Analog Output	Current output (DC 4-20mA)
3. Serial Output	RS-232C output
14. Weight	Appr. 2.3kg

The BS4200A series multifunction transducer Indicator/Controller are a high performance microprocessor based digital weight indicator and setpoint controller combined in one package. All setpoint settings are entered via the front panel keyboard, which in addition to the standard controls for weighing and setpoint entry, also includes controls for direct keyboard entry.

The basic BS4200A comprises a loadcell amplifier and A/D converter, 4 user configurable output relays and excitation for up to six 350 ohm transducers in parallel. Alternatively, the BS4220A indicator incorporates total weight display and peak hold function.

The basic BS4200A also accommodates a wide variety of boards providing 4-20A, 0-10V or RS-232C serial output. Built for rugged industrial use, the BS4200A features a steel enclosure and the unit will operate on 110VAC or 220VAC. Typical applications include weighing, batching, mixing, force, pressure, torque and displacement.

* Specifications are subject to change without notice

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