

Model BS-5205 Series

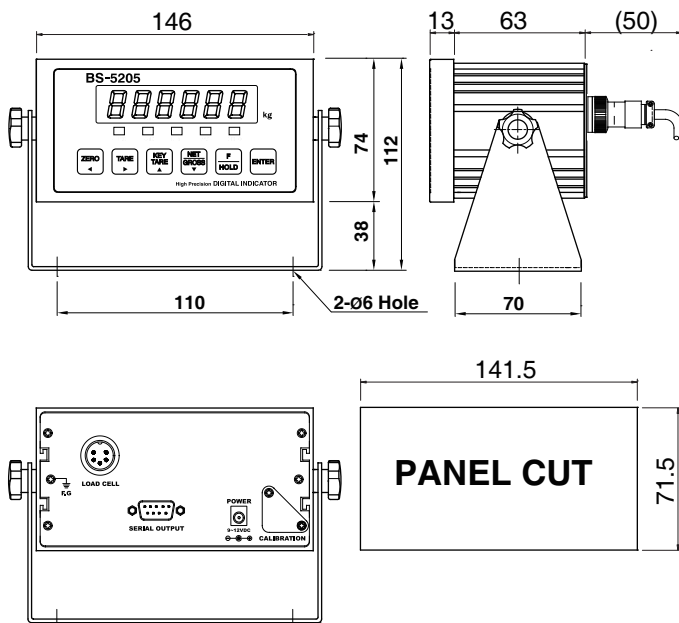
High Precision Digital Indicator

For:

- Industrial Weighing Applications

Features:

- 24 Bit sigma-delta A/D converter for high accuracy
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- 1/20,000 Display Resolution
- Self-Check & Watch-Dog function
- Panel mounting available



SPECIFICATIONS

Analog signal Input range	0mV ~ ±20mV (±4mV/V)
Non-linearity	0.01% F.S. max.
Max. display resolution	1/20,000
Min. input sensitivity	0.2μV/Digit
Temperature Drift	Zero : ±0.1μV/°C RTI max. SPAN : 5ppm/°C max.
Load Cell Excitation	DC 5V , 60mA (350 ohm x 4 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	10 times/sec
Display	7 segments LED (14mm), 6 digit
Maximum Display	-99999 ~ +99999
Display speed	10times/sec ~ 2times/sec
Polarity indication (-)	"-" Minus sign
Annunciators	Zero, Stable, Net, Tare, Hold
Display increments	1,2,5,10,20,50 selectable
Decimal points	Selectable to any points
Operating Voltage	DC 9~12V (AC 220V / DC 9V 1000mA Adapter)
Power Consumption	Approx. 10VA
Operating Temperature	-10°C ~ 50°C
Output	Standard RS-232C Serial output Options RS-485 Serial output
Accessories (Standard)	1) AC Adaptor 2) Mounting Stand 3) Connector for Sensor
Weight	Approx. 800g

ORDERING INFORMATION

BS-5205 - 1 0

MODEL

Output
0 : RS-232C Serial Output (Standard)
1 : RS485 Serial Output (Option)

Operating voltage
DC 9~12V (AC 220V / DC 9V Adaptor)

* Specifications are subject to change without notice

AUG, 2012

BONGSHIN LOADCELL CO., LTD.

148, SANGDAEWON-DONG, JUNGWON-KU, SEONGNAM-CITY, GYEONGGI-DO, KOREA
TEL : 82-31-742-6661
FAX : 82-31-742-6664
www.bongshin.com
E-mail : loadcell@bongshin.com