BONGSHIN®

Model BS-205 Series

48x96mm Size

High Precision Digital Indicator

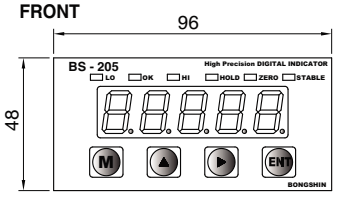
For:

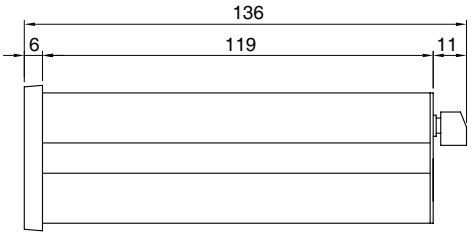
- Industrial weighing applications
- Force, pressure & torque measurements

Features:

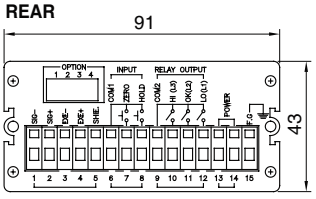
- 24 Bit Sigma-Delta A/D converter for high accuracy
- 3 Set point relay output
- Full digital calibration
- Simulative(mV/V memory) or live load calibration
- Hold, peak hold and auto zero
- Optional serial output or analog output
- Watch - dog guard

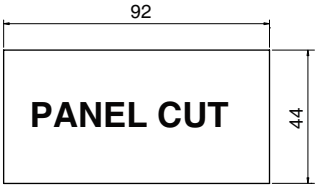
FRONT





REAR





SPECIFICATIONS

Analog signal input range		0mV ~ ±20mV
Non-linearity		0.01% F.S. max.
Max. display resolusion		1/20,000
Min. input sensitivity		0.5μV/Digit (min.)
Temperature drift		Zero : ±0.1μV/°C RTI max. SPAN : 10ppm/°C max.
Load cell excitation		DC 5V, 60mA (350 ohm x 4 load cells)
Input noise		±0.3μVpp
Input impedance		10MΩ
A/D converter		24bit sigma-delta
A/D internal resolusion		1/200,000
A/D sampling speed		50 times/sec
Display		LED, 7 segments 14.1mm high 5 digit
Display speed		50times/sec ~ 1times/sec
Polarity indication (-)		"−" Minus sign
Annunciators		HOLD, ZERO, STABLE Relay point(LO, OK, HI)
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. 10VA
Operating temperature		-10°C ~ 50°C
Output	Standard	Relay 3CH output
	Options	1) RS-232C (Serial output) 2) RS-422 (Serial output) 3) RS-485 (Serial output) 4) DC 0 ~ 10V (Analog output) 5) DC 4~ 20mA (Analog output)
Weight		Approx. 530g

ORDERING INFORMATION

BS - 205 - 1 0

MODEL

Output

0 : Relay 3CH Output (Standard)
1 : RS-232C Serial output (Option)
2 : RS-422 Serial output (Option)
3 : RS-485 Serial output (Option)
4 : DC 0 ~ 10V Analog output (Option)
5 : DC 4~ 20mA Analog output (Option)

Example) Option 4 : Relay 3CH + DC 0~10V

Operating Voltage

1 : AC 110V, 50/60Hz
2 : AC 220V, 50/60Hz
3 : DC 24V

* Specifications are subject to change without notice

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