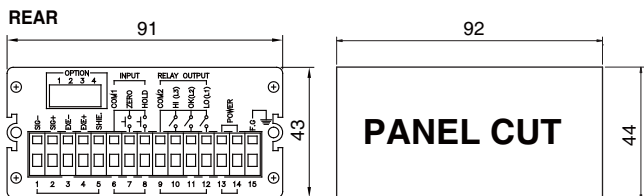
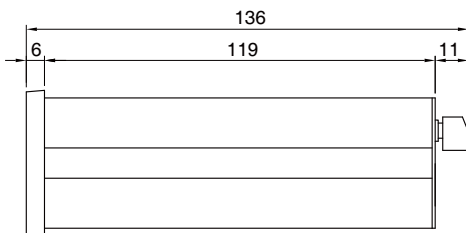
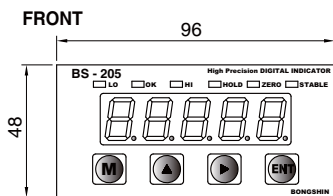


Model BS-205 Series

48x96mm Size

High Precision Digital Indicator



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)
- 6 : BCD Parallel 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

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

SPECIFICATIONS

Analog signal input range	0mV ~ ±20mV														
Non-linearity	0.01% F.S. max.														
Max. display resolution	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 resolution	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	<table border="1"> <thead> <tr> <th>Standard</th> <th>Options</th> </tr> </thead> <tbody> <tr> <td>Relay 3CH output</td> <td>1) RS-232C (Serial output)</td> </tr> <tr> <td></td> <td>2) RS-422 (Serial output)</td> </tr> <tr> <td></td> <td>3) RS-485 (Serial output)</td> </tr> <tr> <td></td> <td>4) DC 0 ~ 10V (Analog output)</td> </tr> <tr> <td></td> <td>5) DC 4~ 20mA (Analog output)</td> </tr> <tr> <td></td> <td>6) BCD (Parallel output)</td> </tr> </tbody> </table>	Standard	Options	Relay 3CH output	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)		6) BCD (Parallel output)
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	6) BCD (Parallel output)														
Weight	Approx. 530g														

* Specifications are subject to change without notice

AUG, 2012