

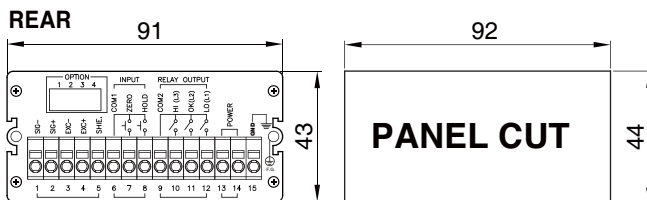
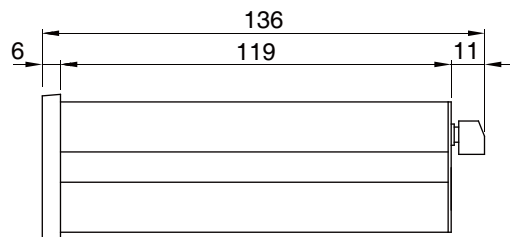
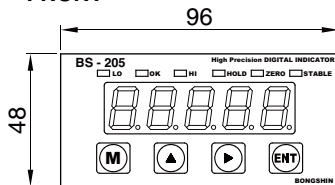
Model BS-205 Series

48x96mm Size

High Precision Digital Indicator



FRONT



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 ~ ±30mV				
Non-linearity	0.01% F.S. max.				
Max. display resolution	99,999d				
Min. input sensitivity	0.3μV/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	Approx. 1,000,000				
A/D sampling speed	50 times/sec				
Display range	-19,999 ~ 99,999				
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"> <tr> <th>Standard</th><td>Relay 3CH output</td></tr> <tr> <th>Options</th><td> 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) </td></tr> </table>	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) 6) BCD (Parallel output)
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Weight	Approx. 530g				

* Specifications are subject to change without notice

APR, 2020