

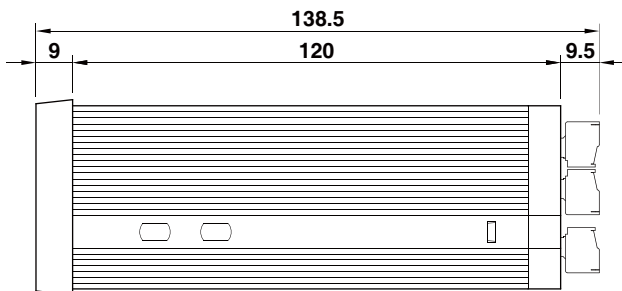
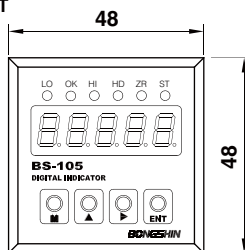
Model BS-105 Series

48x48mm Size

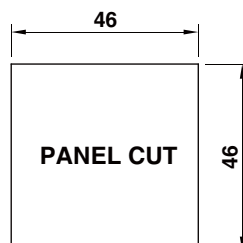
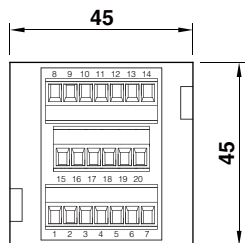
High Precision Digital Indicator



FRONT



REAR



ORDERING INFORMATION

BS - 105 - 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)

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 8.0mm 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	DC 24V (DC 20~27V)
Power consumption	Approx. 10VA
Operating temperature	-10°C ~ 50°C
Output	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)
Weight	Approx. 170g

* Specifications are subject to change without notice

APR, 2020