

Main Applications

- ◆ Weight Display, Upper/Lower Limit Alarm DO Output and AO/Digit Transmission.

Main Features

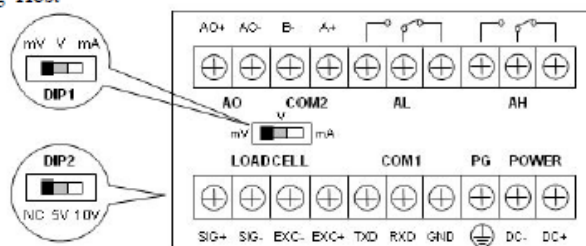
- ◆ EMC design with high anti-jamming capability, suitable for industrial environment.
- ◆ 24-bit $\Sigma-\Delta$ ADC with internal resolution 1/1,000,000 and sampling frequency 640Hz.
- ◆ Special anti-vibration digital filtering algorithm for ensuring the weighing stability and accuracy when there is strong vibration on the load receptor, and the rapid response capability when the weight signal changes.
- ◆ Optional Data Calibration, Segmenting Span Correction functions.



BST106-B60[S]

Technical Specifications

- ◆ Power Supply: DC24V $\pm$ 20%, Max. 5W.
- ◆ 32-bit ARM CPU with 48MHz clock & higher arithmetic speed.
- ◆ 5 Red LED digital tubes for English character and digit display.
- ◆ Excitation Voltage / Max. Current 1: DC5V/120mA [8 350 Ω -loadcells].
- ◆ Excitation Voltage / Max. Current 2: DC12V/120mA [weighing transmitter].
- ◆ Optional weighing signal mV, V and mA for connecting '【mV】 Output Type Loadcell', '【V】 Voltage Output Type Weighing Transmitter' and '【mA】 Current Output Type Weighing Transmitter'.
- ◆ 【mV】 Signal Input Range: 0~19.5mV [Output Sensitivity of Loadcell: 1.0~3.5mV/V].
- ◆ 【V】 Signal Input Range: 0~2.5V, 0~5V, 0~10V.
- ◆ 【mA】 Signal Input Range: 0~20mA.
- ◆ 1 Optional&Definable Analog Signal Output [AO: 0~20mA, Non-linearity: 0.05%FS].
- ◆ 2 Relay switches with normally open and normally closed contacts for outputting upper limit and lower limit alarm signal [DO: AC250V/DC24V, 1A].
- ◆ Optional RS232 and RS485 communication ports for connecting Host IPC/PLC and LED Remote Display.
- ◆ Outline Size [W×H×D]: 107 × 60 × 100 mm.
- ◆ Panel Cut-out Size [W×H]: 94 × 47 mm.
- ◆ Operating Temperature: -25℃~+40℃.
- ◆ Protection Level of Front Panel: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.03%.

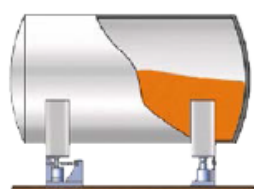


Typical Applications

Multi-type Signal Inputs High Quality and Low Price



Weight Display



Weight Upper/Lower Limit Alarm



Weight Signal Transmission