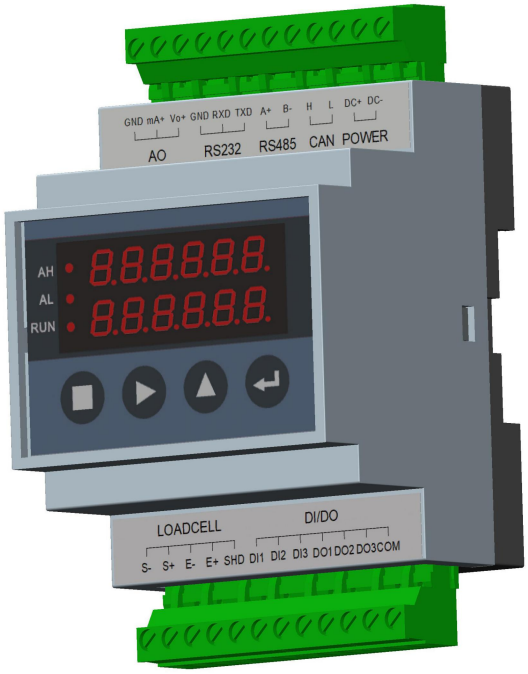
# BST106-M60S[L] Guide Rail Type

## Weighing / Force Measuring Control Module




### 1. Applications

- ☐ Weight/Force Display.
- ☐ Peak Value Detection/Display Holding.
- ☐ Auto Weight-checking.
- ☐ Setpoint DO Output and AO/Digit Transmission

### 2. Main Features:

- ☐ EMC design with high anti-jamming for industrial environment.
- ☐ 32-bit ARM CPU with 48MHz clock & high arithmetic speed.
- ☐ 6+6 Red LED digital tubes for English character and digit display.
- ☐ 4-key English keypad for Menu&Shortcut mode operation.
- ☐ 24-bit ∑-△A/D conversion module with 1/1,000,000.
- ☐ Optional Sampling frequency:3200Hz,1600Hz,800Hz,400Hz, 200Hz, 5Hz.
- ☐ 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.
- ☐ Load calibration, Data Calibration, Segmenting Span Correction & Segmenting Weight Calculation.
- ☐ Definable AO/VO/COM[Communication Port].

### 3. Technical Specifications

- ☐ Power Supply: DC12-24V, Max.3W
- ☐ Excitation Voltage/Current: DC5V/120mA
- ☐ 8Loadcells[350Ω]conectable.
- ☐ Signal Input Range:0-12.5mV.
- ☐ Output Sensitivity of Loadcell: 1.0-2.5mV/V.
- ☐ 3Optional&definable normally open switch inputs[DI].
- ☐ 3Optional&definable normally open transistor switch outputs[DO]:DC24V,250mA.
- ☐ 1Analog Signal Output[AO]:0-20mA, 0.05%FS.
- ☐ 1Voltage Signal Output[VO]:0-10V, 0.05%FS.
- ☐ COM1:RS232; COM2:RS485; COM3: Optional CANBUS.
- ☐ Connect Host IPC[Modbus]&Remote Display.
- ☐ Outline Szie [WxHxD]:71.5X113X57.9mm.
- ☐ Guide Rail Croove Szie[WxD]:35x1.6mm.
- ☐ Operating Temperature: -25℃ to +45℃.
- ☐ Relative Humidity: Max.85%RH.
- ☐ Static Weighing/Force Measuring Accuracy: 0.2%-0.5%.