Weighing & Totalizing Controller

SUPMETER

Series:BST106
Model: F11

Weighing & Totalizing Controller

Main Applications

- Weight Display, Setpoint DO Output, Manual/Auto Totalizing.
- Weight Signal AO/Digit Transmission.
- Weight Limit DO Alarm Mode.
- Weight Increment DO Output Mode.
- Weight Decrement DO Output Mode.
- Weight Section DO Output Mode.

Main Features

- EMC design with high anti-jam for industrial environment.
- 32-bit ARM CPU with 72MHz clock & high arithmetic speed.
- 6+10 Green VFD digital tubes for English&digit display.
- 24-bit Σ-△ADC with internal resolution 1/1,000,000.
- High sampling frequency 400Hz.
- Special Anti-vibration Digital Filtering Algorithm for precise weighing, stable display and rapid response.
- Auto Zero Tracking.
- Load Calibration, Data Calibration & Segmenting Correction.
- The Weighing Record and Totalizing Report can be printed.
- Definable AO/COM(Communication Port).

Technical Specifications

- Power Supply: AC85~264V, 50/60Hz, Max. 10W.
- Loadcell Excitation Voltage/Current: DC10V/250mA.
- 8 Loadcells(350Ω) connectable.
- Weighing Signal Input Range: 0~25mV.
- 3 Normally Open Switch Inputs (DI).
- 5 Normally Open Relay Outputs (DO): AC250V/DC24V, 1A.
- 1 Analog Signal Output (AO): 4~20mA, 0.05%FS.
- COM1: Fixed RS232&RS485. Free to use one of them.
- COM2: Optional RS232/RS485/RS422/Profibus-DP/Ethernet.
- Connect Host IPC, Remote Display, Printer&Wireless Module.
- Outline Size (W×H×D): 164 × 82 × 188 mm.
- Panel Cut-out Size (W×H): 153 × 77 mm.
- Operating Temperature: -25℃～+45℃.
- Protection Level of Front Panel: IP65.
- Accuracy Grade: III.
- Verification Accuracy: 0.02%.
- Static Weighing Accuracy: 0.2%~0.5%.

High-frequency Sampling Anti-vibration Filter High-accuracy Weighing Real-time Alarm Output

Hopper Scale

Weight Totalizing Scale