BST106-B60[C] Check-in-weight Controller

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High Quality and Low Price   Good Low-temperature Performance

Main Applications

- Suitable for Auto Checkweigher.

Main Features

- EMC design with high anti-jamming capability, suitable for industrial environment.
- 14-bit red LED digit display screen for English character and digit display.
- Chinese/English keypad for Menu&Shortcut operation with key tone.
- Special 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.
- Auto-locking, Key-locking, Key-unlocking, Digital Setting&Calibration and I/O Testing functions available.
- Optional Weight-Checking Trigger Mode: Weight Trigger Mode and Switch Trigger Mode.
- Optional Weight-Checking Mode: Dynamic Weight-Checking Mode and Static Weight-Checking Mode.
- Batch Counting, Weight Totalizing and DO outputs of 5 Sorting Areas (Normal/Uppermost Limit/Upper Limit/Lower Limit/Lowest Limit) available.
- 1 Setpoint Forms for weight-checking&sorting control.
- ‘Target Batch Finished’ alarm function available.
- 1 Optional RS232 or RS485 communication ports for linking to IPC/PLC and remote display terminal.
- Standard MODBUS communication protocol and support industry configuration software, e.g. iFix.
- The Batch Count and Totalized Weight of each Sorting Area can be queried.

Technical Specifications

- Power: DC24V±20%, Max. 5W.
- Loadcell Excitation Voltage: DC9V.
- Weighing Signal Input Range: 0~25mV.
- Max. Connection Quantity: 4 Loadcells (350Ω).
- 24-bit ∑-∆ ADC; Sampling Frequency: 100Hz; Non-linearity: 0.005%FS.
- 1 Optional&definable Analog Signal Outputs [AO: 4~20mA, 0.05%FS].
- 6 Normally Open Switch Inputs and 8 Definable Normally Open Transistor Outputs [DO: DC24V, 250mA].
- Outline Dimension [W×H×D]
  - 110 × 62 × 150 mm.
- Cut Dimension [W×H]
  - 94 × 47 mm.
- Service Temperature: -25℃~+40℃.
- IP Grade
  - IP50.