



BST100-D12



BST100-D52



dCX-61-BST100-D52EX

Years of Field Application Stable & Reliable Performance

Main Applications

- ◆ Suitable for Belt Weigher.
- ◆ D52 Suitable for Corrosive gas environment.
- ◆ D52EX Suitable for Explosion gas environment: Zone 1&2; Classes of explosion gas mixture: IIA, IIB; Temperature grades of explosion gas mixture: T1~T6; Ex-mark: ExdII BT6 Gb.

Main Features

- ◆ ARM CPU system with EMC design, higher arithmetic speed and sampling frequency.
- ◆ 128×64 dots LCD display screen with yellow-green background for Chinese /English display.
- ◆ Chinese/English keypad for Menu&Shortcut operation with key tone.
- ◆ Optional 'External Speed' or 'Inner Speed' working mode.
- ◆ Auto-locking, Key-locking, Key-unlocking, Digital Setting&Calibration and I/O Testing functions available.
- ◆ Auto Zero Tracking, Speed Calibration and Belt Length Calibration functions available.
- ◆ 2 Optional communication ports for linking to IPC/PLC, remote display & operation terminal, serial printer and wireless module.
- ◆ Standard MODBUS communication protocol and support industry configuration software, e.g. iFix.
- ◆ Weight Records per shift/day/month of a year for querying and printing.

Technical Specifications

- ◆ Power: AC220V±15%, 50/60Hz, Max. 10W.
- ◆ Loadcell Excitation Voltage: DC10V.
- ◆ Weighing Signal Input Range: 0~25mV.
- ◆ Max. Connection Quantity: 8 Loadcells (350Ω).
- ◆ 24-bit Σ - Δ ADC; Sampling Frequency: 200Hz; Non-linearity: 0.005%FS.
- ◆ Speed Sensor Excitation Voltage: DC5~12V (adjustable).
- ◆ Speed Signal Input Range: 0.5~3000Hz.
- ◆ 1 Optional Flow Analog Signal Output [AO: 4~20mA, 0.05%FS].
- ◆ 1 'Totalized Weight High-speed Pulse' Output [PO: DC5~24V, 100mA].
- ◆ COM1 Optional: RS232/RS485/RS422/Profibus-DP/CANBUS /Ethernet modules. COM2: RS232.
- ◆ Outline Dimension [W×H×D]
 - ◇ D12: 170 × 91 × 184 mm.
 - ◇ D52: 235.5 × 227.5 × 119.5 mm.
 - ◇ D52EX: 340 × 390 × 205 mm.
- ◆ Cut Dimension [W×H]
 - ◇ D12: 151 × 76 mm.
- ◆ Service Temperature: -20℃~+40℃.
- ◆ IP Grade
 - ◇ D12: IP50.
 - ◇ D52/D52EX: IP65.

