

Main Applications

- ◆ Weight Display, Setpoint Output, Manual/Auto Totalizing and AO/Digit Transmission.
- ◆ F11EX: 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

- ◆ 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 400Hz.
- ◆ 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 and Segmenting Span Correction [F11] functions.

F11 Technical Specifications

- ◆ Power Supply 1: DC24V $\pm$ 20%, Max. 10W.
- ◆ Power Supply 2: AC85~264V, 50/60Hz, Max. 10W.
- ◆ 32-bit ARM CPU with 72MHz clock & higher arithmetic speed.
- ◆ 6+10 Green VFD digital tubes for English character and digit display.
- ◆ Excitation Voltage / Max. Current: DC10V/250mA [8 350 Ω -loadcells]. Weighing Signal Input Range: 0~25mV.
- ◆ 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- ◆ 3 Normally open switch inputs [DI] and 5 normally open relay switch outputs [DO: AC250V/DC24V, 1A].
- ◆ COM1: Fixed configuration RS232&RS485, free to use one of them; COM2: Optional RS232/RS485/RS422/Profibus-DP/Ethernet; For connecting Host IPC/PLC [Modbus], LED Remote Display, Serial Printer and Wireless Module.
- ◆ Outline Size [W×H×D]
 - ◇ F11: 164 × 82 × 188 mm.
 - ◇ F11EX: 340 × 390 × 205 mm.
- ◆ Panel Cut-out Size [W×H]
 - ◇ F11: 153 × 77 mm.
- ◆ Operating Temperature: -25℃~+40℃.
- ◆ Protection Level
 - ◇ F11[Front Panel]: IP65.
 - ◇ F11EX: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.02%.



BST106-F11



BST106-B60[T]

B60[T] Technical Specifications

- ◆ Power Supply: DC24V $\pm$ 20%, Max. 5W.
- ◆ 32-bit ARM CPU with 48MHz clock & higher arithmetic speed.
- ◆ 6+8 Red LED digital tubes for English character and digit display.
- ◆ Excitation Voltage / Max. Current: DC9V/120mA [4 350 Ω -loadcells].
- ◆ Weighing Signal Input Range: 0~22.5mV.
- ◆ 1 Optional&Definable Analog Signal Output [AO: 4~20mA, 0.05%FS].
- ◆ 6 Normally open switch inputs [DI] and 5 normally open relay switch outputs [DO: AC250V/DC24V, 1A].
- ◆ Optional RS232 or RS485 communication port for connecting Host IPC/PLC[Modbus] and LED Remote Display.
- ◆ Outline Size [W×H×D]: 110 × 62 × 150 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

Years of Field Application Stable & Reliable Performance



Totalizing Weigher



Weight Setpoint Output



dCX-61-BST106-F11EX