

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 Σ - Δ 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 \times H \times D]
- * F11: 164 \times 82 \times 188 mm.
- * F11EX: 340 \times 390 \times 205 mm.
- * Panel Cut-out Size [W \times H]
- * F11: 153 \times 77 mm.
- * Operating Temperature: -25 $^{\circ}$ C~+40 $^{\circ}$ C.
- * 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 \times H \times D]: 110 \times 62 \times 150 mm.
- * Panel Cut-out Size [W \times H]: 94 \times 47 mm.
- * Operating Temperature: -25 $^{\circ}$ C~+40 $^{\circ}$ C.
- * Protection Level of Front Panel: IP65.
- * Accuracy Grade: III.
- * Verification Accuracy: 0.03%.

Typical Applications

Years of Field Application

Stable & Reliable Performance



Weight Setpoint Output



DCX-61-BST106-F11EX