

Main Applications

- * Suitable for Loss-in-weight Ration WeighFeeder with Ration Flow Feeding & Ration Weight Batch Control.
- * E26EX 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 200Hz.
- * 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.
- * The filler and feeder can be started and stopped by DI&DO signal.
- * Quick and steady PID for ration feeding control available.

Technical Specifications

- * Power Supply: AC220V \pm 15%, Max. 15W.
- * 32-bit ARM CPU with 72MHz clock & higher arithmetic speed.
- * 128 \times 64 LCD display screen with 7 background colors for English/Chinese display.
- * Excitation Voltage / Max. Current: DC10V/250mA [8 350 Ω - loadcells].
- * Weighing Signal Input Range: 0~25mV.
- * 1 Optional 'Flow Setpoint' analog signal input [AI: 4~20mA, 0.05%FS].
- * Max.3 definable 'Flow/Control Current /...' analog signal outputs [AO: 4~20mA, 0.05%FS].
- * 3 Definable normally open switch inputs [DI] and 4 definable normally open relay switch outputs [DO: AC250V/DC24V, 1A].
- * 1 'Totalized Weight High-speed Pulse' output [PO: DC5~24V, 100mA].
- * COM1: Optional RS232/RS485/RS422/Profibus-DP/Ethernet; COM2: RS232; For connecting Host IPC/PLC[Modbus], LED Remote Display, Serial Printer and Wireless Module.
- * Outline Size [W \times H \times D]
 - * E06: 86 \times 164 \times 193 mm.
 - * E16: 164 \times 86 \times 193 mm.
 - * E26: 202 \times 305 \times 90 mm.
 - * E26EX: 340 \times 390 \times 205 mm.
- * Panel Cut-out Size [W \times H]
 - * E06: 77 \times 153 mm.
 - * E16: 153 \times 77 mm.
- * Operating Temperature: -20 $^{\circ}$ C~+40 $^{\circ}$ C.
- * Protection Level
 - * E06/E16[Front Panel]: IP65.
 - * E26/E26EX: IP65.
- * Accuracy Grade: III.
- * Verification Accuracy: 0.02%.
- * Continuous Totalizing Accuracy: 0.5%.
- * Accuracy of Flow Control: 0.5%~1.0%.



BST100-E16



BST100-E06



BST100-E26



DCX-61-BST100-E26EX

Typical Applications

More Advanced Technology

More Excellent Quality



Loss-in-weight Single-screw Feeder



Loss-in-weight Double-screw Feeder



Loss-in-weight Vibrating Feeder