

# MODEL : WF-100-E-01

# IP-65

THE BST-100 is a Weigh Feeder Weight Indicator , having a Panel Mount configuration, Analog & Rs-485 Modbus Output which can be used for various applications .

## 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 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 feeder and belt weigher can be started and stopped by DI&DO signal.
- Quick and steady PID for ration feeding control available.



FUNCTION	DESCRIPTION
Input Signal	0-25 mV DC of Electrical Resistance Strain Gauge
Load Cell Excitation	Voltage / Max. Current: DC10V/250mA [8 350 $\Omega$ - load cells]
Speed Sensor Input & Excitation	0.5 to 300 Hz / DC 12V Max 100mA
Display	128 x 64 LCD Display , Max Resolution 1/10,000 Counts External.
Outputs	<ul style="list-style-type: none"><li>• 1 Optional 'Flow Set point' analog signal input [AI: 4~20mA, 0.05%FS].</li><li>• Max.3 definable 'Flow/Control Current /...' analog signal outputs [AO: 4~20mA, 0.05%FS].</li><li>• 3 Definable normally open switch inputs [DI] and 4 definable normally open relay</li><li>• Switch outputs [DO: AC250V/DC24V, 1A].</li></ul>
Communication	COM1: RS232/RS485/RS422/Profibus-DP/Ethernet; COM2: OPTIONAL RS232; For connecting Host IPC/PLC[Modbus], LED Remote Display, Serial Printer and Wireless Module.
Power Supply	230 VAC @ 50 HZ + 5% Stabilized Supply
Accuracy Of Flow Control	0.5% To 1 %
Size	E-01 Panel Cut Out: 77x 153 mm, E-01 Size : 86 x 164 x 193 mm

IMPORTED & MARKETED BY

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