GM8802S-C

Rail Mount Weighing Controller

GM8802S-C is a small weight check control module mounted on a card rail. With control I/O for quick response to the weight control core, It is suitable for rapid detection and high-speed sorting and sorting control of the weight of packaged products or individual objects in the production process of various industries. It is widely used in chemical industry、logistics、medicine、food、printing、electronics and other industries.
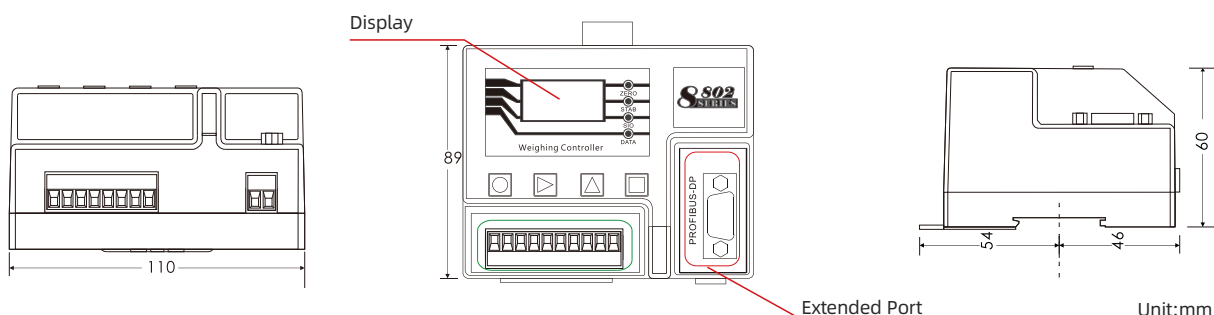
Functions

● Automatic check weight balance control module, with sorting, check weight two working modes;

● Card rail installation, OLED display, display can be encrypted and closed;

● The belt speed can be automatically adjusted by inputting the detection speed of the measured object;

● Support zero zone or switch quantity detection two ways to identify the measured object on the scale;

● The maximum support for 5 levels of sorting, with over and under error alarm, dynamic zero clearing function;

● Dynamic compensation coefficient for the weight of the measured object.
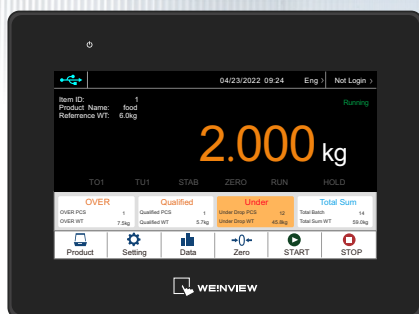
Hardware Interface

● The standard RS485 serial port is conducive to connecting HMI and supporting the mainstream bus in the existing market;

● Communication optional extension, for the customer system expansion to bring great convenience;

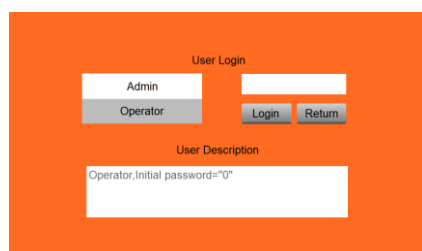● Optional RS232 to realize real-time printing of various data.

Display

Extended Port

Unit:mm

Plug in the touch screen

The use of the main serial port can be equipped with WEINVIEW 7 inch (cMT2079X) or 10 inch (cMT2109X2) touch screen, more convenient operation.

User-friendly design

- User-friendly touch screen and graphical human-computer interaction interface, so that the operator can easily get started without professional training.
- Main interface: high-speed response, simple and clear information.

Rights management
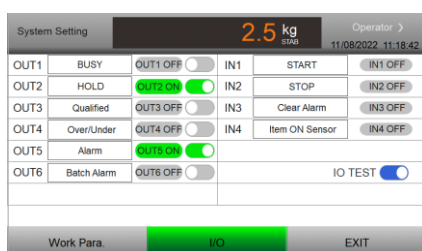
- Three-level user management.

Parameter area
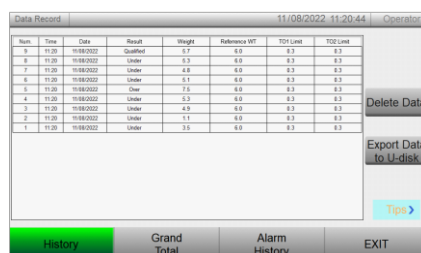
- Neatly displayed, easy to modify and view.

IO area

- Display and test, easy to observe and operate.

Statistical area

- Record the weight data, can be exported by U disk.
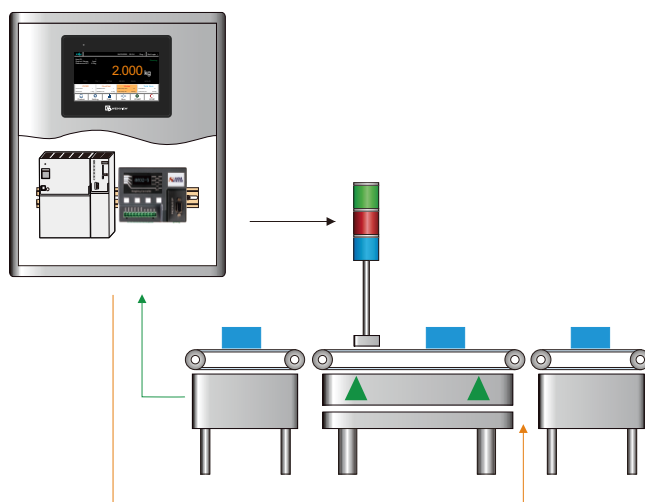
Historical alarm area

- Easy to view the alarm information of the instrument.

Standard specification

General Specifications	Switching power supply	DC 24V±5%
	Operating temperature	-10-40℃
	Maximum humidity	90%R.H no condensation
	Power consumption	about 10W
	Protection level	Front panel Ip65
	Physical size	110*89*60(mm)
	Weight display	1.3-inch OLED black and white screen
	Function keys	4-key vocal keyboard
Basic Specifiacions	A/D Performance	24-bit delta-Sigma
	A/D conversion speed	120/240/480 times/SEC
	Nonlinearity	0.01%F.S
	Gain drift	10PPM/ ° C
	Minimum sensitivity&Approved sensitivity	0.1μV/d
	Zero adjustment range	0.02~8mV (Load cell 2mV/V)
	Input range	0.02~10mV (Load cell 2mV/V)
	Accuracy	1/100,000
	Sensor excitation power supply	DC5V, single drive 8 350 Ω sensors
	Input impedance	10MΩ
I/O parts	**Inputs: 4, active low**	
	Start/Stop/Clear Zero/Print/On-stage detection sensor/off-stage/detection sensor	
	Output terminal: 6, single drive current 500mA	
	Run/Stop/busy/hold/over/Qualified/under/upper limit/lower limit/lower limit	
	Communication expansion board	
	1. Analog (16-bit D/A) 2.RS232/RS485 3. Profubus-dp 4.Modbus TCP	

Application

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