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.

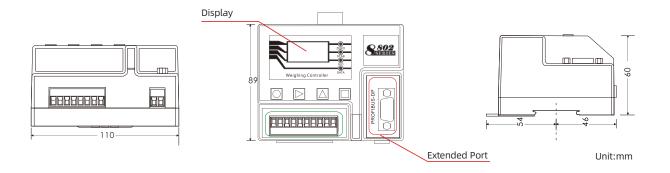
Functions

- 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.



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.



GENERAL

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.

Product Setting		2.5 <u></u>	Cperator > 11/08/2022 11:15:49
Item ID	1 ⊃	Tare	0.0 kg >
Product Name	food	Near Zero	100 ‰ >
Referrence WT	6.0 kg >		
TO1 Limit	0.3 kg >	TU1 Limit	0.0 kg >
TO2 Limit	0.3 kg >	TU2 Limit	0.0 kg >
< Previous Page	1	1	Next Page >
Recipe Para.	Calibr	ation	EXIT

Parameter area

• Neatly displayed, easy to modify and view.

IO area

• Display and test, easy to observe and operate.

System	tystem Setting 2.5 kg Operate STAB STAB				
OUT1	BUSY	OUT1 OFF	IN1	START	IN1 OFF
OUT2	HOLD		IN2	STOP	IN2 OFF
OUT3	Qualified	OUT3 OFF	IN3	Clear Alarm	IN3 OFF
OUT4	Over/Under	OUT4 OFF	IN4	Item ON Sensor	IN4 OFF
OUT5	Alarm				
OUT6	Batch Alarm	OUT6 OFF	IO TEST 💽		
	Work Para.	14	0		EXIT

Statistical area

• Record the weight data, can be exported by U disk.

	TO2 Limit	T01 Linit	Reference WT	Weight	Result	Date	Time	Nµm.
1	0.3	0.7	6.0	6.7	Qualified	11/08/2022	11:20	9
1	0.3	0.3	6.0	6.3	Under	15/08/2022	11.20	8
1	0.3	0.3	6.0	4.8	Under	11/08/2022	11.20	
1	0.3	0.3	6.0	5.1	Under	11/08/2022	11:20	8
1	0.3	0.3	6.0	7.6	Over	11/08/2022	11.20	5
Delete D	0.3	0.3	6.0	5.3	Under	11/08/2022	11:20	4
Delete D	0.3	0.3	6.0	4.9	Under	11/08/2022	11.20	3
	0.3	0.3	6.0	1.1	Under	11/08/2022	11:20	2
1	0.3	0.3	6.0	3.5	Under	11/08/2022	11.20	
to U-dis								
Tips								

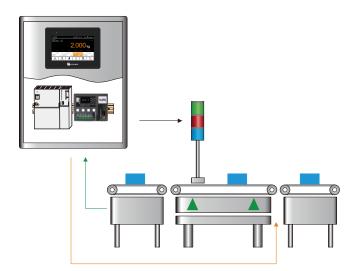
Historical alarm area

• Easy to view the alarm information of the instrument.

System	Setting		2		Operator >
OUT1	BUSY	OUT1 OFF	IN1	START	IN1 OFF
OUT2	HOLD		IN2	STOP	IN2 OFF
OUT3	Qualified	OUT3 OFF	IN3	Clear Alarm	IN3 OFF
OUT4	Over/Under	OUT4 OFF	IN4	Item ON Sensor	IN4 OFF
OUT5	Alarm				
OUT6	Batch Alarm	OUT6 OFF	IO TEST		
V	Vork Para.	1/	0		EXIT

Standard s	pecification				
	Switching power supply	DC 24V±5%			
	Operating temperature	-10-40°C			
	Maximum humidity	90%R.H no condensation			
General	Power consumption	about 10W			
Specifications	Protection level	Front panel Ip65			
	Physical size	110*89*60(mm)			
	Weight display	1.3-inch OLED black and white screer			
	Function keys	4-key vocal keyboard			
	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			
Basic	Minimum sensitivity&Approved sensitivity	0.1µV/d			
Specifiacions	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	10ΜΩ			
	Inputs: 4, active low				
	Start/Stop/Clear Zero/Print/On-stage detection sensor/off-stage/detection sensor				
I/O parts	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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General Measure Technology Co.,Ltd.

Address: Room2208, Block A, Building 6, Shenzhen International Innovation Valley, Nanshan District, Shenzhen, Guangdong Province, P.R.China. Tel/Wechat: +86 185 6585 5789 E-mail: xjlv@szgmt.com Website: www.gmweighing.com