

GMT-P1

Weighing Transmitter



The GMT-P1 is a panel/harsh-mounted weighing transmitter that offers exceptional reliability, advanced filtering, and tested ability to perform stably under interference of harsh industrial environments. It is customized for dynamic weighing systems with the highest demand for reliability, response speed and accuracy.



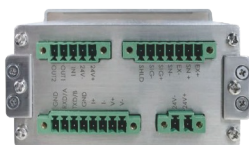
HIGH-PERFORMANCE



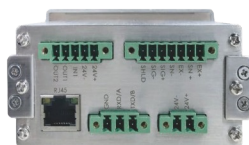
- Standard RS232/RS485 selectable by switch ;
- Calibration without test weights function ;
- I/O points (1 input, 2 outputs) as standard ;
- Simple design to facilitate connection to a PLC ;
- Low cost digital indicator for various applications ;
- Selectable A/D sampling 30/60/120/240/480/960 times/sec ;
- Support theoretical calibration with loadcell sensitivity ;
- Compact, lightweight body makes it ideal for mounting into a control panel ;
- 1,000,000 weight resolution ability, with second generation Vibration Cancellation Filter ;
- Powers up to 8 units of loadcells with 6 wires connection, provide long distance compensation.



COMMUNICATION INTERFACE



RS485/232+Analog output



RS485/232+Ethernet
(Modbus TCP/IP)



EtherNet/IP or Profinet or EtherCAT

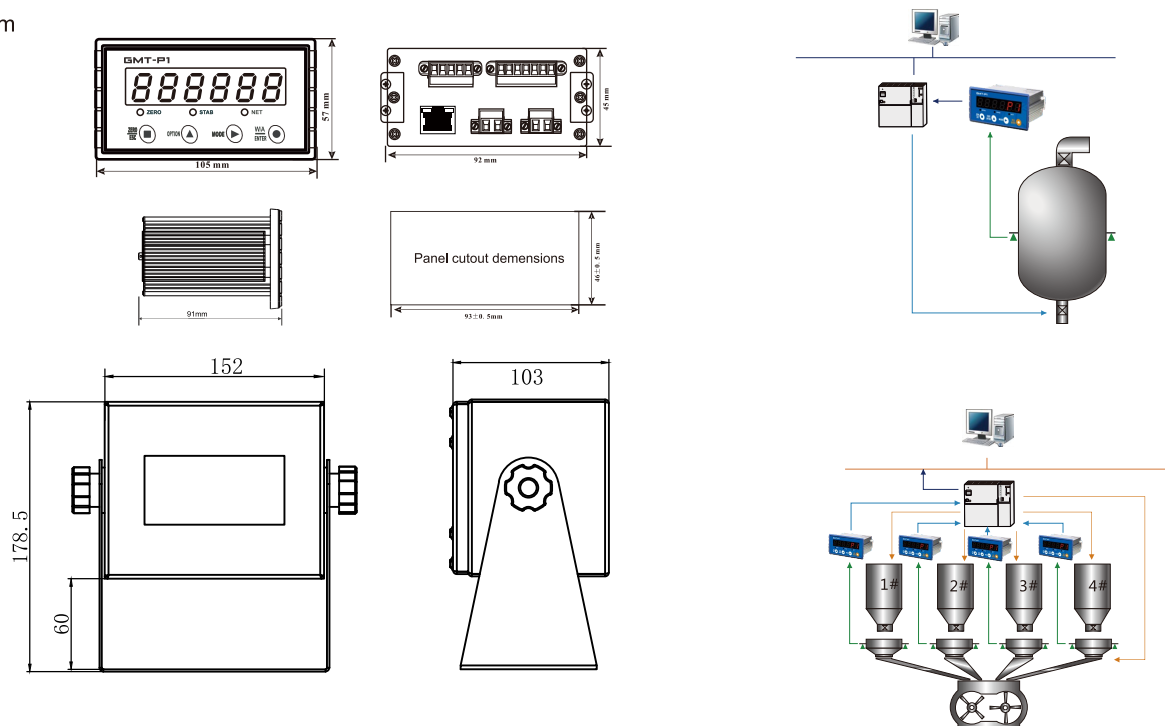


Standard Specification

General Specifications	Model	GMT-P1
	Power Supply	DC 24V \pm 5%
	Working temperature	-10°C~40°C
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 10W
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	30/60/120/240/480/960 times/per second
	Non-linearity	0.01%F.S
	Gain drift	10PPM/°C
	Input sensitivity	0.01 μ V/d
	Maximum input voltage	0~15mV
	Display Accuracy	1/1,000,000
	Load cell excitation	DC 5V,200mA(Max),Up to 8 load cells(350 Ω) can be connected
	Input impedance	10M Ω
	Dust/water protection	The IP65 display when mounted into a panel

Application

Unit:mm


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



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