

# GMT-P1

## Weighing Transmitter

(Digital Version Available)



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.

### FEATURES

- OIML R76 approval;
- With second generation anti-vibration filter;
- Support calibration without weights;
- 1,000,000 weight resolution ability;



### HARDWARE HIGHLIGHTS

#### Standard

- RS232 or RS485 selectable by switch;
- 1 input 2 output I/O;

#### Options

- Single network port, support Modbus;
- Dual network ports, support ModbusTCP (No serial ports);
- Profinet or Ethernet IP or EtherCAT or CCLink IE (No serial ports);
- Analog output.

#### Digital Version

##### Standard

- RS232 or RS485 selectable by switch;
- RS485 for digital loadcell interface;
- 1 input 2 output I/O;

##### Options

- 16-bit analog output (Voltage/Current Type);

### Standard Specification

	Model	GMT-P1	GMT-P1 Digital Version
General Specifications	Power Supply	DC 24V±5%	
	Working temperature	-10°C~40°C	
	Maximum humidity	90% RH.without dew	
	Testing standards	Class III 6000 e, 1 μ V/e	
	Power consumption	About 10W	
	Measurement Parameters	A/D performance	24 bit Delta-Sigma
A/D conversion speed		30/60/120/240/480/960 times/sec	N/A
Non-linearity		0.01%F.S	N/A
Gain drift		10PPM/°C	N/A
Input sensitivity		0.01μV/d	N/A
Maximum input voltage		0~15mV	N/A
Display Accuracy		1/1,000,000	1/1,000,000
Load cell excitation		DC 5V,200mA(Max),Up to 8 load cells (350Ω) can be connected	DC12V, 250mA, up to connect 8 digital load cells
Dust/water protection		The IP65 display when mounted into a panel	

### Application

Unit:mm

