

Wipro Serie GMT-P1

WEIGHING TRANSMITTER



GMT-P1

Weighing Transmitter



The GMT-P1 is a panel mounted weighing transmitter 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.

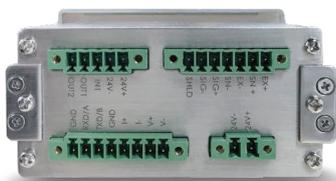


High-Performance

- Standard RS232/RS485 selectable by switch, optional analog output(0-5V initial)
- 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



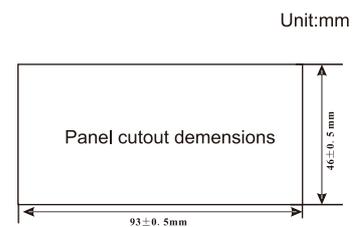
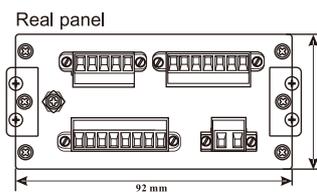
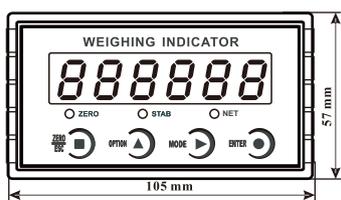
RS485/232 + Analog output



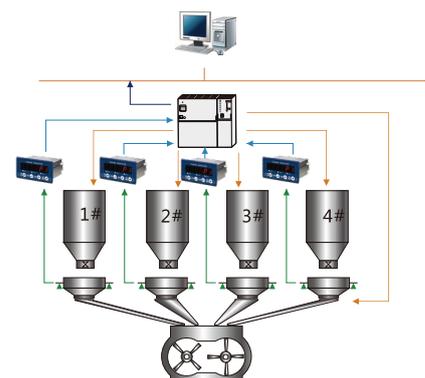
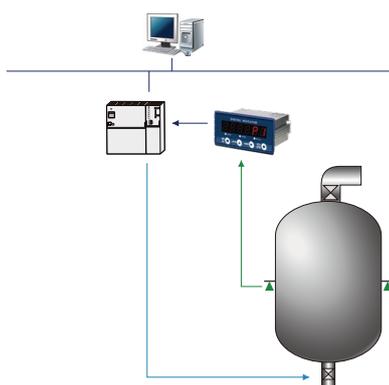
RS485/232 + Ethernet
(Modbus TCP)

Specifications

WEIGHING SPECIFICATION	
OIML R76	e=1 μ V/d, 6000e
A/D conversion	24-bit Delta-Sigma
Zero adjustment range	0 to 12mV (Load cell 3mV/V)
Nonlinearity	0.01% F.S
Maximum input voltage	0 to 15mV (Load cell 3mV/V)
Minimum sensitivity	0.01 μ V/d
Input impedance	10M Ω
Sampling rate	30/60/120/240/480/960 times/sec.
Display resolution	1 / 999,999
Load cell excitation	DC5V, 200mA(Max.), Up to 8 load cells(350 Ω) can be connected
DIGITAL UNIT	
Display elements	7-segment 6-digit red LED
Data display range	0 to 999,999d
Status indicators	ZERO, STAB, NET
BASIC SPECIFICATIONS	
Power source voltage	DC24V \pm 5%
Power consumption	Approx. 10W
Temperature and humidity	-10 $^{\circ}$ C to 40 $^{\circ}$ C / 90% R.H or less(Condensation must be avoided)
Dimensions	110 \times 89 \times 60 mm (L \times W \times H)
Weight	Approx.350g
Panel cut dimensions	93 \times 46mm
Dust/water protection	The IP 65 display when mounted into a panel
Enclosure	ABS front panel, aluminum case.
OPTIONS	
Serial interface	Standard RS-232/RS485 interface
Analog output	0-5V, 0-10V, 4-20mA , 0-24mA , 0-20mA , User Define
Ethernet	Modbus TCP



Application





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