GMT-X1

Weighing Transmitter

(Digital Version Available)

GMT-X1, a DIN rail-mounted weighing transmitter for industrial automation, can be used in various system weighing applications, such as weight checking, loss-in-weight, liquid filling, batching, vessel and silo weighing, etc. Through Bluetooth, it can be connected to Weasy App for configuration and monitoring.

OIML CE

SOFTWARE HIGHLIGHTS

- Liquid filling software selectable ;
- Calibration without weights (by loadcell sensitivity value) ;
- Printer function ;
- Self-testing for I/O and communication port ;
- Self-editable boot screen ;

HARDWARE HIGHLIGHTS

- Stainless steel case with compact design ;
- Different configuration choice, a variety of combinations ;
- Standard: RS485 + RS485/RS232(Selectable)

Option 1 3 Input 5 Output or 3 Input 4 Output relay (Optional) ;

Option 2 RS485+16bit Analog or 2 Input 4 Output or CAN OPEN ;

Option 3 Modbus TCP or Ethernet/IP or Profinet or Profibus DP ;

(Hardware Option1,2,3 can be selected at the same time) ;

- Bluetooth communication.

Digital Version

Standard:
- RS232 or RS485 selectable;
- RS485 for digital loadcell interface;

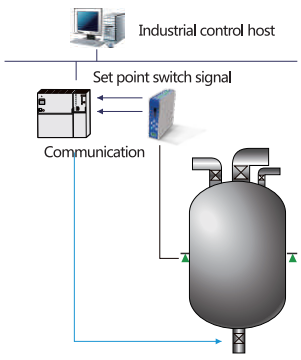
Options:
Same as common version;

CANopen PROFINET EtherNet/IP Modbus TCP/IP PROFIBUS RS485/RS232

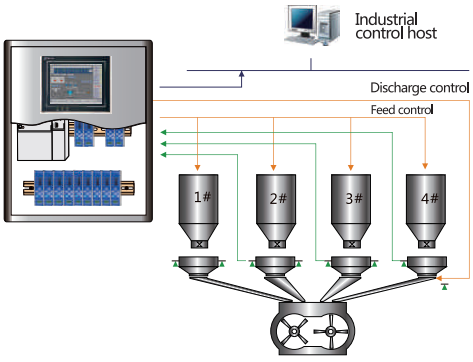
Standard Specification

General Specifications	Model	GMT-X1	GMT-X1 Digital Version
	Power Supply	DC 24V(12~30VDC)	
	Working temperature	-10°C~40°C	
	Maximum humidity	90% RH.without dew	
	Testing standards	Class III 6000 e,1μV/d	
	Power consumption	About 5W	
Measurement Parameters	A/D performance	24 bit Delta-Sigma	N/A
	A/D conversion speed	50~960 times/per second	N/A
	Non-linearity	0.01%F.S	N/A
	Gain drift	10PPM/℃	N/A
	Input sensitivity	0.1μV/d	N/A
	Display Accuracy	1/1,000,000	1/1,000,000
	Weighing Platform Requirement	1 simulation scale interfacecan connect up to 8 load cells with 350Ω, Support sensitivty in 1mV/V、2mV/V、3mV/V	1 standard RS485 digitaloadcell interface
	Sensor power supply	DC 5V 200mA(Max)	DC12V 250mA, up to connect with 8 digital load cells

Application



Set point weighing application



Multi-material batching application