

GMT-X1

WEIGHING TRANSMITTER

Din Rail Mount Weighing Transmitter

GMT-X1 is a DIN rail-mounted weighing transmitter designed for seamless integration into industrial automation systems. OIML R76 approved, it supports a wide range of applications including weight checking, loss-in-weight control, liquid filling, batching, and vessel or silo weighing. With built-in Bluetooth connectivity, the GMT-X1 can be easily configured and monitored via the Weasy App, offering both precision and convenience in demanding environments.

Key Features

Software Highlights

- Liquid filling software selection.
- Calibration without weights (by load cell sensitivity value).
- Printer function.
- Self-testing for I/O and communication ports.
- Self-editable boot screen.

Option 1:

3 Input, 5 Output or 3 Input, 4 Output Relay (Optional)

Option 2:

RS485+16bit Analog or 2 Input, 4 Output or CANopen.

Option 3:

Modbus TCP/IP, Ethernet/IP, Profinet, EtherCAT, CC-Link IE

(Option 1,2 and 3 can be selected at the same time)

Available Protocols:



EtherNet/IP



EtherCAT
Technology Group

CC-Link IE



ANALOG
OUTPUT

RS485/RS232



SPECIFICATION SHEET

GMT-X1

Specifications

General Specifications	Model	GMT-X1
	Power Supply	DC 24V (12-30VDC)
	Working Temperature	-10°C-40°C
	Maximum Humidity	90% R.H Without Dew
	Approval Standards	OIML R76, Class III 6000e, 1 μ V/e
	Power Consumption	\pm 5W
Measurement Parameters	A/D Performance	24-bit Delta-Sigma
	A/D Conversion Speed	50-960 times/per second
	Non-Linearity	0001% F.S
	Gain Drift	10PPM/°C
	Input Sensitivity	0.1 μ V/d
	Display Accuracy	1/1,000,000
	Weighing Platform Requirements	1 Simulation scale interface, connect up to 8 load cells with 350 Ω , Support sensitivity in 1mVN, 2mVN, 3mVN.
	Sensor Power Supply	DC5V 200mA (Max)

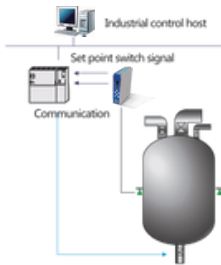


APPLICATION DIAGRAM

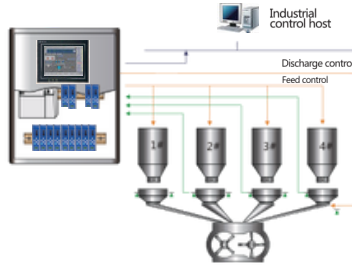
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Multi-Weighing Application

Simplified PLC Integration with multiple communication protocols.



Set point weighing application



Multi-material batching application

DIMENSIONS

