GMT-X4

Din Rail Mount Four-Channel Weighing Transmitter.

The GMT-X4 is a DIN rail-mounted weighing transmitter designed for multi-channel use, offering four channels. It features a compact design, stable performance, and user-friendly operation.

Hardware Highlights

- Stainless Steel housing with compact design (62x134x128mm).
- Various configuration choices and combinations available.

Standard

- 4-Channelof 6-wire load cell interfaces.
- RS485 & RS232.
- 4 Input 8 Output I/O.

Option 1 Modus TCP/IP, Ethernet/IP, ProfiNet or EtherCat.

Option 2 4-Channel analog output.

Option 3 CANopen.

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

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Software Highlights

- **Zero Point Reset:** Supports restoring the zero point to its previous state after a power failure when re-powered.
- **Theoretical Value Calibration:** Automatically stabilizes the calibration process within 3 seconds.
- **Remote Monitoring & Configuration:** Allows PC-based remote monitoring and configuration via Modbus TCP, connecting up to 6 devices simultaneously.
- **Anti-Vibration Input:** Features an adjustable anti-vibration function for enhanced accuracy.

Specification

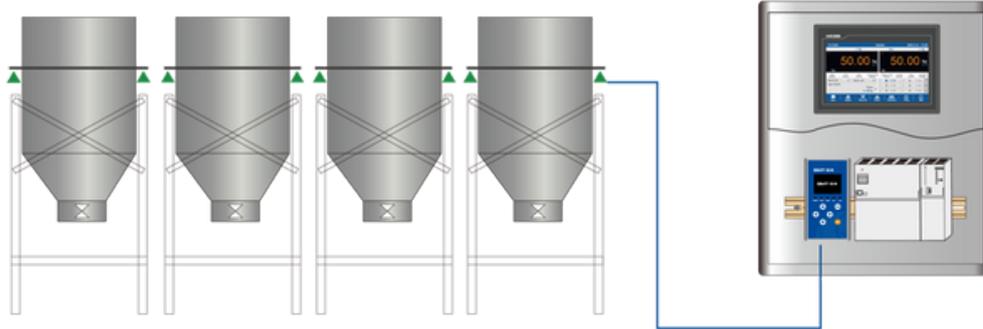|	
Power	DC 24V ±5%
Size	62mm x 134mm x 128mm
Weight	Approx. 880g
Operating Environment	-10~40°C; 90%R.H, No Condensation
Storing Environment	-40~60°C; 90%R.H, No Condensation
Power Dissipation	20W
Weighing Platform Excitation Voltage	5V, 200mA(MAX)/Channel
Weighing Platform Requirements	4 Simulation scale interface, can connect to 40 load cells with 350W, support sensitivity 1mV/V, 2mV/V, 3mV/V
Sensitivity	0.1uV/d
Non-Linearity	0.01% F. S
A/D Conversion Speed	50; 60; 100; 120; 200; 240; 400; 480; 800; 960 (SPS)
Maximum Display Accuracy	1/1,000,000

Application Diagram

Multi-Weighing Application

Dimensions

134 mm

122 mm

62 mm

127.5 mm