

GMT-H2ex

Explosion-Proof Weighing Transmitter



GMT-H2ex is a harsh mount explosion-proof weighing transmitter. With a high-strength cast aluminum case and build-in safety barrier, it provides double protection at enclosure and circuit levels. 2-inch 6 digits LED display, 4 metal button, are designed for precise weighing and transmitting in hazardous environments.



HARDWARE HIGHLIGHTS



Standard

- 2 RS485, 1 RS232 ports;
- 4 in 6 out I/O ports;

Options

- 1 analog output;
- Modbus TCP, or Profinet(support Siemens PLC connection), or Ethernet IP (Omron or Schneider PLC connection) or EtherCAT (developing phase,Omron or Schneider PLC connection) or CCLink IE.



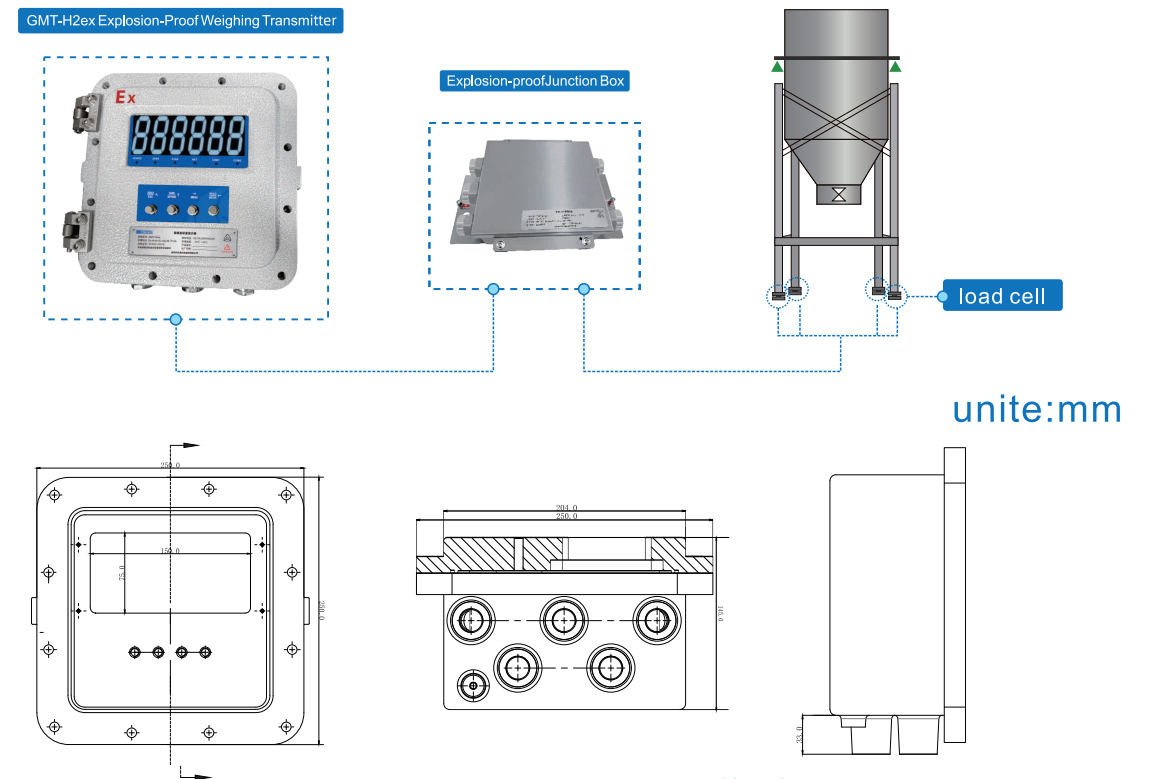
ADVANTAGES & FEATURES

- Explosion-proof certification, explosion-proof mark: Ex db [ia IIC Ga] IIB T6 Gb;
- A high-strength cast aluminum case provides strong protection;
- Build-in intrinsic safety barrier simplifies connection to intrinsic safety load cell;
- 110V-220V AC or 24V DC power input, meeting diverse industrial needs.

Specifications

General Specifications	Model	GMT-H2ex
	Power Supply	110V-220V AC / 24V DC
	Working temperature	-10°C~40°C
	Maximum humidity	90% RH.without dew
	Power consumption	About 10W
	Approval standards	ClassIII 6000 e, 1 μV/e
	Ex marking	Ex db [ia IIC Ga] IIB T6 Gb
	Intrinsic safety parameters	Um: 250V; Uo: 6.3V; Io: 424mA; Po: 0.67W; Co: 24μF;Lo: 0.15mH.
Measurement Parameters	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	30/60/120/240/480/960 times/sec
	Non-linearity	0.01%F.S
	Gain drift	10PPM/°C
	Input sensitivity	0.1μV/d
	Maximum input voltage	0~15mV
	Display Accuracy	1/1,000,000
	Load cell excitation	DC 5V,200mA(Max),Up to 10 load cells(350Ω) can be connected

Application



*Specification and dimension may be upgraded, please consult sales manager for the latest info.