GMT-H1
Weighing Transmitter
(Digital Version Available)

cur in:
cur out:
cur WT:
2021/07/01

3 kg
non kg:
723 kg:
15:43:32

GMT-H1

PRODUCT INTRO

GMT-H1 weighing transmitter is designed for industrial weighing application. It's harsh mount, IP65 protection widely used in silo and vessel weighing field.

FEATURES

- Anti-dust and waterproof harsh mount case;
- 6-wire loadcell interfaces, connecting up to 8 load cells in 350Ω;
- Support theoretical data calibration;
- Support GPRS, Modbus-RTU, Modbus-TCP/IP, RS485 for communication;
- The function of automatic upload relevant weighing data;
- Through IO port to get the information of material level.

DIGITAL VERSION

Standard

- RS485 for digital loadcell interface;
- RS485 support ModbusRTU;
- Standard network port, support ModbusTCP;
- 3 inputs 3 outputs, 3 self-defined I/O
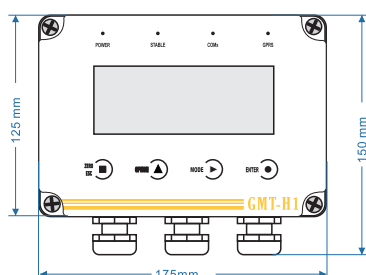(input or output);

Options

- GPRS data transmission function;

GPRS   Modbus RTU   Modbus TCP/IP   RS485

Standard Specification

	Model	GMT-H1	GMT-H1 Digital Version
General Specifications	Power	AC 90~260V 50Hz(or 60Hz)±2%	
	Temperature	-20°C~60°C;90% RH.without dew	
	Power consumption	About 10W	
	Weights	750g	
Measurement Paramenters	A/D conversion	24 bit Delta-Sigma	N/A
	Sampling rate	Sampling rate, initial value:100times/sec, range: 50,60,100,120,200,240,400,480 times/sec	N/A
	Nonlinearity	0.01%F.S	N/A
	Gain drift	10PPM/°C	N/A
	Sensitivity	0.1μV/d / 0.5μV/d	N/A
	Input range	Max 0.02~15mV	N/A
	Maximum display accurarcy	1/100,000	1/100,000
	Weighing platform load cell	1 simulated weighing platform load cell interface can connect up to 8 load cells that is in 350Ω, and the sensitivity in 1mV/V、2mV/V、3mV/V.	1 digtial load cell interface, up to connect to 8 load cells
	Load cell excitation	DC 5V 200mA(Max)	DC 12V 250mA
I/O Interfaces and Communications	RS485(Standard); Support ModbusRTU, continuous transmission protocol		
	RJ45(Standard); Support Modbus-TCP, continuous transmission protocol		
	GPRS data transmission function		
	Fixed IO: 3 Input, 3 Output		
	Optional IO: 3 more（can be selfdefined as output or input）		

Unit：mm

Application

The high-speed transmission