

Weight Transmitter - (WT-HS)

Ideal for Dynamic weighing applications where you need high speed A/D with RS485 / CAN Bus interface

1200
Samples/sec



Description

High performance loadcell display indicator and high speed data transmitter suitable for static and dynamic weighing. Specially designed for process weighing systems, where it calls for high speed dynamic weighing applications include Batching, Bagging, filling & multihead weighing system. This can be easily connected to PLC using RS485 / CAN Bus .

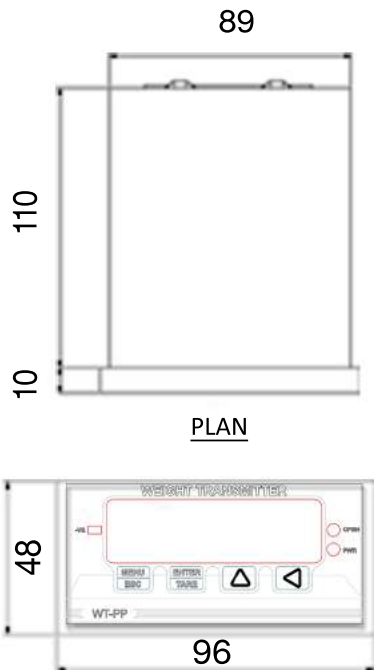
Features

- ▶ 5 digit seven segment 0.56" RED LED display
- ▶ High resolution with 24 bits ADC and 1200 Samples / sec
- ▶ Inbuilt keyboard for configuration and calibration
- ▶ Selectable digital filters
- ▶ Calibration using Sensitivity / weighing
- ▶ Powers up to 6, 350 Ω or 12, 700 Ω load cells
- ▶ RS232 / RS485(Half duplex, Modbus RTU and ASCII) / CAN Bus
- ▶ 1 digital opto-isolated input.
- ▶ DIN STD 98*48 mounting
- ▶ 18-28 V /1A DC power supply

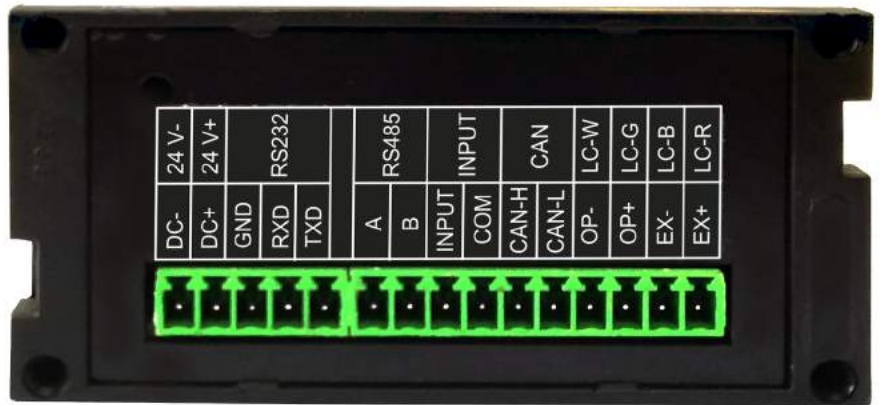
Specifications

Indicator Power		Display, Keypads & Inputs	
Power Supply	24V DC Supply / 1 AMP	LED Display	5 digits 0.56" Red 7 Segment LED Display
Controller	8-bit PIC Controller	Keypads	4 Keys, Menu / Esc Key, Enter Key / Tare key, Up Key and Left Key.
A/D Converter		Digital Input	1-Isolated digital input (LOW logic)
Type	24-bit Delta Sigma	Calibration & Weighing	
Analogue Input Range	0.2 mV to 25 mV , 0.2 μ V sensitivity	Calibration	Weights/Sensitivity
ADC maximum value	Internal \pm 131072 counts , 1/30,000 display	Weighing Functions	Auto Zero, Tare En / Dis
Resolution	1,2,5,10,20,50, 100 selectable (default 5)	Communication	
Linearity	<0.02% FS	RS232/RS485 (Two wire- Half duplex)	Baud rates: 4800 to 115200 bps selectable (default 9600)
Gain Drifting	2 PPM/C	CAN interface (Peer to peer / Broadcast)	125K to 1000K bauds selectable (default 250K)
Conversion Rate	600/1200/2400 sps selectable (default 600 sps)		
Load cell excitation voltage	5 VDC		
Number of loadcell	6 load cells of 350 Ω or 12 load cells of 700 Ω		

Dimensions (mm)



Rearview



Applications

- Check Weighing
- Bagging System

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