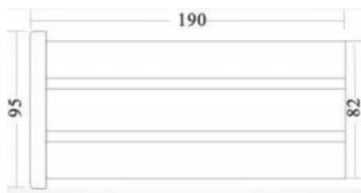


# Belt Scale Controller

## GSI305



### INTRODUCTION

GSI305 Belt Scale Controller, Mainly apply to bulk measurement in various industries such as power generation, coal industry, metallurgy, mining, harbor, chemical and building material industry and so on.

### STANDARD FUNCTION

Feedrate Measurement and Control for Conveyor Belt Scale and Weigh Feeder.

- ◆ 1 Analog Input.
- ◆ 2 Analog Output
- ◆ 3 Digital Input
- ◆ 7 Digital Relay Output
- ◆ 1 Pulse Output
- ◆ Modbus Communication ( Independent RS232 and RS485 Port)
- ◆ AC220V Power Supply.
- ◆ DC24V Power Supply is Optional
- ◆ VFD Display. LCD Display is Optional
- ◆ Language Selective. English is Default, Second Language can be Chinese
- ◆ Integrated Diagnostics and Self-testing Functions
- ◆ Digital Electronics. Provide Accurate, Drift-free Performance

## TECHNICAL PARAMETER

Ext.Power supply	AC 220V (175-285V), 30W, 50Hz
Working temperature	-10-40℃
Humidity	≤90%RH
Dimension	288 (W) x 190 (D) x 95 (H) mm
Weight	2.5 Kg
linearity	0.01FS
Accuracy	0.1%
Tolerance	0-99999900 t
Feed rate	0.0020-99999.9 t
Max.net signal input	≤30mV
Display	160*32 VFD Screen 110x30mm
Load cell excitation	DC 9V, 250mA
Speed sensor	DC ≤24V, 50mA
Speed pulse	0-3000Hz, 0-24V
Modbus Interface	RS232≤1.5m RS485≤1000m Default baud rate: 9600 (Baud rate and Communication format optional)
Analog Input	0-20mA, Long-distance setting the flow signal by DCS interface
Analog Output	0-20mA, 2 Ports 1 Port for measure signal ( Flow, speed, load signal optional ) 2 Port for control signal
Digital Output	Touch Capacity AC 220V, 3A
Digital Input	DC 24V, 4 routes Passive touch signal 1 route: external error acknowledge 2 route: external control for stop signal 3 route: external control for start signal 4 route: control for speed pulse input signal
Protected class	IP54
Division	0.001kg, 0.01kg, 0.1kg, 1kg, 0.1t, 1t...