

# Belt Scale Integrator (PWS-CC-100-S)



## Feature

POWER Belt Scale Integrator is designed for a wide variety of demanding industrial bulk material weighing applications. It incorporates the highly respected and accurate POWER load cell series. This is the same weighing system that is used in thousands of industrial conveyor belt applications. The result is an integrated conveyor belt weighing system of unsurpassed accuracy, ruggedness and reliability.

## Specification

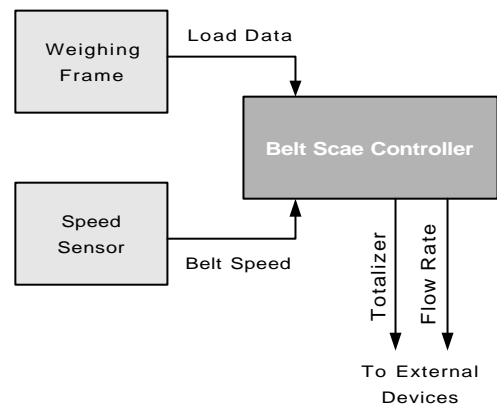
### General Spec.

- Model : PWS-CC-100-S
- ◆ Power : 220 VAC,
  - ◆ Temperature range : - 10 ~ 60 °C
  - ◆ Weight : approx 10 Kg
  - ◆ MPU : 80196KC
  - ◆ A/D resolution : 12 BIT
  - ◆ D/A resolution : 12 BIT
  - ◆ Loadcell amplifier : Adjustable Gain & Offset
  - ◆ External connection method : terminal block
  - ◆ Mount : Wall mount

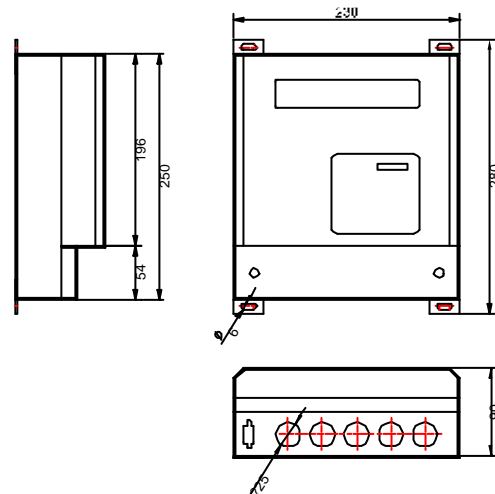
### Technical Data

Item	Spec.
Loadcell Input	6 OR 4 wires, 1.0 – 4.0 mV/V
Belt speed Input	Pulse train, 0 – 10 KHz
Output Signal	4 – 20 mA 2 CH (Motor control / Current flow rate)
Contact Input	Isolated 2ch (Motor on-off / Reset)
Contact Output	Relay contact, 2ch (Totalize pulse / Fault)
Interface(Optional)	RS232 / 485

## System Layout



## Dimensions



C-3



# Belt Weighing Feeder Controller(PWS-CC-100)



## Feature

POWER Belt Weighing Feeder Controllers are designed for a wide variety of demanding industrial bulk material feeding applications. It incorporates the highly respected and accurate POWER load cell series. This is the same feeding system that is used in thousands of industrial conveyor belt applications. The result is an integrated weigh belt feeder of unsurpassed accuracy, ruggedness and reliability.

## Specification

### General Spec.

- Model : PWS-CC-100-S
- ◆ Power : 220 VAC,
- ◆ Temperature range : - 10 ~ 60 °C
- ◆ Weight : approx 10 Kg
- ◆ MPU : 80196KC
- ◆ A/D resolution : 12 BIT
- ◆ D/A resolution : 12 BIT
- ◆ Loadcell amplifier : Adjustable Gain & Offset
- ◆ Compensator : PI control
- ◆ External connection method : terminal block
- ◆ Mount : Wall mount

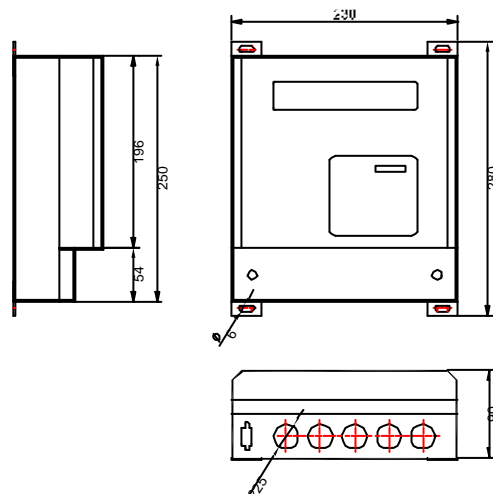
### Technical Data

Item	Spec.
Loadcell Input	6 OR 4 wires, 1.0 – 4.0 mV/V
Belt speed Input	Pulse train, 0 – 10 KHz
Input Signal	4 – 20 mA 1 CH (Set flow rate)
Output Signal	4 – 20 mA 2 CH (Motor control / Current flow rate)
Contact Input	Isolated 2ch (Motor on-off / Reset)
Contact Output	Relay contact, 2ch (Totalize pulse / Fault)
Interface(Optional)	RS232 / 485

## Characteristics

- ◆ Power : 220 VAC,
- ◆ High Efficacy
- ◆ Easy Installation
- ◆ Quick Calibration
- ◆ High Confidence & Convenience
- ◆ PC Control using Serial Transference
- ◆ Control using Analog Signal
- ◆ Operation by Key Pad
- ◆ Speed Control by Feeding Motor
- ◆ Connecting to external display

## Dimensions



C-5

