

Continuous and Static weigh controller - GWS

- Highly Accurate, Proven and Rugged Design
- Large 8 segment LED display, clear and simple to read.
- 2 line LCD display for programming
- Interfaces with RS232/422/485, Profibus DP, EtherNet, and Wireless
- Simple set-up, calibration and diagnostics with clear plain English menus



Application

GWS weigh controller is used with either a static or continuous weigh system. They can be used with a wide range of equipment:

- Belt Scales
- Weighfeeders
- Flow Meters
- Loss-in-weight feeders
- Weight Indicators
- Batching control

The rugged design ensures a high degree of reliability and availability.

Features

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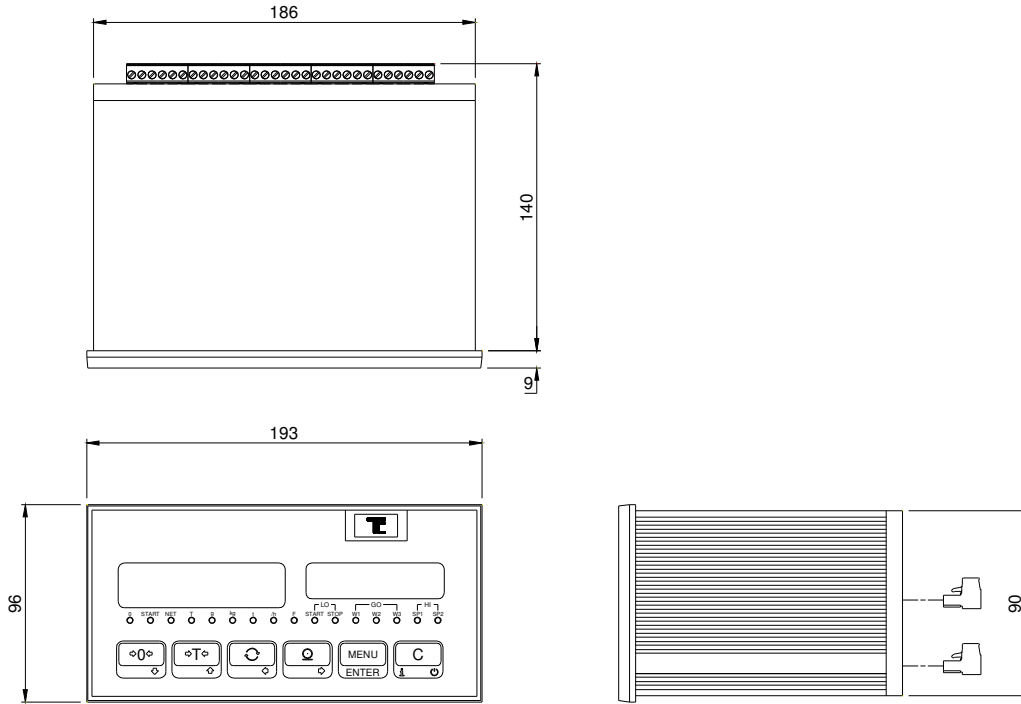
- Easy to use 6-key waterproof keypad.
- Main semi-alphanumeric red LED display, highly efficient, with 6 digits 15 mm high.
- Secondary alphanumeric backlit LCD display with 2 lines of 16 characters each. Synoptic bar graph with 16 bright indication LED's showing the active functions.
- Instrument management and configuration from PC
- 8000000 displayable divisions at 0.3 $\mu\text{V/d}$

- 24 Internal resolution up to 3000000 counts.
- A/D 24-bit 4-channel sigma-delta conversion, up to 200 conversions per second.
- Connectable to a platform or with up to 8 standard load cells having 350 Ohm input resistance.
- 8 VDC to 40 VDC power supply

Options

- Profibus DP Card
- RS232C port
- RS422 port
- RS485 port
- EtherNet
- Wireless

Dimensions



Technical Data

Housing	Brushed Aluminium
Primary Display	6 Character, 8 segment LED, 15mm high. 16 LED warning alarm signals
Secondary Display	2 line x 16 character backlit LCD
Keypad	6 button
Resolution	0.3uv/d, 24 bit processor, 3000000 counts resolution
Wiring	Max. 3mm dia. via 5.0 mm pitch plug in terminals
Power Supply	Nominal 24VDC 12W (8V to 24VDC)
Ambient Temp.	-25° to 40° C
Inputs	Load Cell input $\pm 10V$, $>40\Omega$ 1 Speed input (v, RPM) 0/4-20mA Input (optional) 6 Digital Inputs (24VDC)
Outputs	2 x 0/4-20mA (optional) 10 x Digital outputs (24V, 1 Amp) 1 x pulse output
Protection Class	IP2X, front panel to IP56
Interfaces	RS232C RS485 RS422 Ethernet TCP/IP Profibus DP Wireless

Due to our policy of continuous improvement, dimensions and specifications may change. Have dimensions certified for installation purposes.

