

Load Cell Simulator - SG-PA8201



Description

Model SG-PA8201 is a hand held digital load cell simulator which can be used to simulate load cell outputs in the range -3.1mV/V to +3.1mV/V. The signal output is increased and decreased via the front panel pushbuttons. For example when connected to a load cell display which provides 10VDC excitation the SG-PA8201 will allow the output to be varied from -31.000 to +31.000 mV. A numerical and bargraph indication of output is provided on the display. The display is also provided with selectable on/off backlight and auto display off timer which helps conserve battery power.

The SG-PA8201 is supplied with a rechargeable 9V battery and plug in charger.

Features

- Useful for scaling and system testing
- -3.1000 to +3.1000mV/V output
- Numerical and bargraph display of output level
- Load cell resistance DIP switch selectable as 350, 700, 1000 or 2000Ω
- Choice of backlit or non backlit LCD display modes with timer for auto backlight switch off
- Auto power down timer to conserve battery
- Rechargeable 9V battery and charger supplied
- Uses DC excitation from display or monitor
- 4 or 6 wire load cell simulation
- Output adjustable down to 0.001mV/V increments
- Pushbutton setup and adjustment
- Rugged stainless steel case

Specifications

Output: -3.1000 to +3.1000mV/V

Accuracy/non linearity: 0.01% of full scale

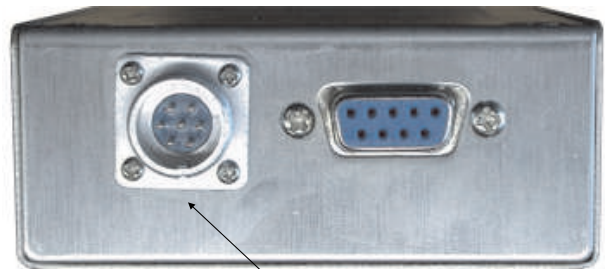
Display: LCD black characters with backlight available

Supply: 9V rechargeable battery

Output resistance: DIP switch selectable 350, 700, 1000 or 2000Ω

Dimensions: 170 x 75 x 30 mm

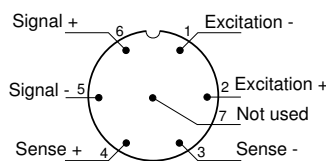
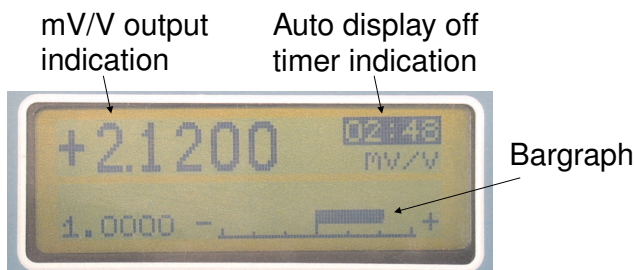
Weight: 480 gms



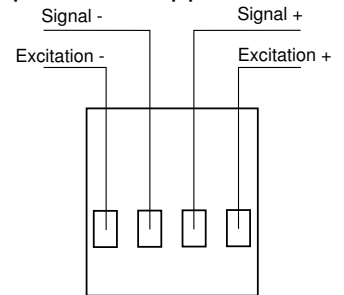
Load cell simulator output connector.

4 way screw type adaptor also supplied.

Electrical connections



Simulator connector



Screw terminal adaptor

SGPA8201-1.2-0

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