

SC - WEI

WEIGHING/LOADCELL CONTROLLER

This versatile instrument is designed to accept standard 4-6 wire bridge type loadcell inputs directly. Common applications include: force, torque, load, strain and pressure measurement.

It also comes in a hassle-free DIN-rail mountable case with a built-in LCD display for simple operator interface.

- 5 buttons
- 2 x 8mm, 8-digit LCD display
- 35mm DIN rail case - (H x W x D) 101 x 45 x 120mm



Input signal	4/6-wire strain gauge, 1-5mV/V
Excitation	5V DC (powers up to 8 x 350Ω loadcells)
Sampling rate	Up to 50Hz
Resolution	18-bit
Accuracy	0.005% of reading
Temp. drift	Typically 3ppm/°C
Relay outputs	2 x 5A form A relays

-----OPTIONAL-----

Analogue output	Isolated 16-bit 4-20mA or 0-10V output
Serial port	Front panel isolated RS232/485

CODE	DESCRIPTION
SC - WEI	SC Range weighing/loadcell controller
- R2	2 x relays
- R2A	2 x relays, 1 x analogue output
- R2S	2 x relays, 1 x serial port
- R2AS	2 x relays, 1 x analogue output, 1 x serial port
- LV	Low voltage (15-48V AC / 10-72V DC)
- HV	High voltage (85-265V AC / 95-370V DC)