

SC - WEI

WEIGHING / LOAD-CELL CONTROLLER

This versatile instrument is designed to accept standard 4-6 wire bridge type load-cell 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 LED display
- 35mm DIN rail case - (H x W x D) 101 x 45 x 119.5mm



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-----

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

CODE	DESCRIPTION	POWER*
SC - WEI - R2 - HV	2 x relays	HV
SC - WEI - R2 - LV	2 x relays	LV
SC - WEI - R2A - HV	2 x relays, 1 x analog output	HV
SC - WEI - R2A - LV	2 x relays, 1 x analog output	LV
SC - WEI - R2S - HV	2 x relays, 1 x serial port	HV
SC - WEI - R2S - LV	2 x relays, 1 x serial port	LV
SC - WEI - R2AS - HV	2 x relays, 1 x analog output, 1 x serial port	HV
SC - WEI - R2AS - LV	2 x relays, 1 x analog output, 1 x serial port	LV

*Power supply: **HV** (85-265V AC / 95-370V DC), **LV** (15-48V AC / 10-72V DC)