

SC - PRC

PROCESS CONTROLLER

This versatile instrument accepts a 0-20mA or 4-20mA process input signal. It is ideal for a variety of applications, including depth or level sensors and pressure, temperature or humidity transmitters.

The controller supplies 24V excitation, allowing you to power a 2/3-wire input loop. It 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	0-20mA or 4-20mA
Excitation	24V DC (50mA max)
Sampling rate	10Hz
Resolution	16-bit
Accuracy	0.05% of reading
Temp. drift	Typically 50ppm/°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 - PRC - R2 - HV	2 x relays	HV
SC - PRC - R2 - LV	2 x relays	LV
SC - PRC - R2A - HV	2 x relays, 1 x analog output	HV
SC - PRC - R2A - LV	2 x relays, 1 x analog output	LV
SC - PRC - R2S - HV	2 x relays, 1 x serial port	HV
SC - PRC - R2S - LV	2 x relays, 1 x serial port	LV
SC - PRC - R2AS - HV	2 x relays, 1 x analog output, 1 x serial port	HV
SC - PRC - 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)