

SC - CTR

COUNTER / RATE CONTROLLER

This versatile counter is compatible with a range of sensors, including NPN, PNP, namur, proximity switches and rotary encoders. It comes in a DIN-rail mountable case with a built-in LCD display for simple operator interface.

This controller can be scaled to suit a variety of applications, such as pulse, distance, length and difference.

- 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	3 hardware counters (independent)		
Sensor types	Quad [x1, x2, x4], NPN, PNP, mV, TTL	Frequency	100kHz on A input
Count modes	Quad [x1, x2, x4], A+B, A-B, A+B+C, A/B Indp, Up/Down, C counter (used to capture, reset, zero and/or restart A & B counters)	Noise filtering	20kHz, off
Excitation	24/5VDC (50/200mA max)	Relay outputs	2 x 5A form A relays Volumetric pulse (max 3A 240V AC or 3A 30V DC).
Input frequency	10kHz (Quad x4, A, B), 20kHz (Quad x1, x2), 38kHz (C)		----- OPTIONAL -----
		Analog output	Isolated 16-bit 4-20 mA or 0-10V output
		Serial port	Front panel isolated RS232/485

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