

PRO - CTR100

COUNTER / RATE BATCHING CONTROLLER

This controller is suited to a wide variety of rate monitoring and batching applications. It is also ideal for length cutting and multi-channel coupling.



- 5 buttons
- 13mm LED display, 6 digits
- 6 setpoint indicator LED's (R4, R4A, R4S & R4AS only)
- IP65 dust and splash-proof
- Panel mount case - (H x W x D) 48 x 96 x 119.5mm

Input signal	0-24V DC, 0-30V AC
Sensor types	Quad [x1, x2, x4], NPN, PNP, TTL
Excitation	24/5VDC (50/200mA max)
Noise filtering	20kHz, off
Pulse width	Must be > 5µs

OPTIONAL

Relay outputs	4 x 5A form A
Analog output	Isolated 16-bit 4-20 mA or 0-10V output
Serial port	Isolated RS232/485

RATE

Input frequency	20kHz max
Sampling rate	100msec

Resolution	0.01Hz
Accuracy	0.005%
Temp drift	Typically 2ppm/°C

COUNTER

Input frequency	10kHz (Quad x4, A, B), 20kHz (Quad x1, x2), 38kHz (C)
Sampling rate	10msec

CODE	DESCRIPTION	POWER*
PRO - CTR100 - I - HV	Indicator	HV
PRO - CTR100 - I - LV	Indicator	LV
PRO - CTR100 - R4 - HV	4 x relays	HV
PRO - CTR100 - R4 - LV	4 x relays	LV
PRO - CTR100 - R4A - HV	4 x relays, 1 x analog output	HV
PRO - CTR100 - R4A - LV	4 x relays, 1 x analog output	LV
PRO - CTR100 - R4S - HV	4 x relays, 1 x serial port	HV
PRO - CTR100 - R4S - LV	4 x relays, 1 x serial port	LV
PRO - CTR100 - R4AS - HV	4 x relays, 1 x analog output, 1 x serial port	HV
PRO - CTR100 - R4AS - LV	4 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)