

# PRO - CTR200

## 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. The dual display allows simultaneous viewing of count and rate.



- 5 buttons
- 2 x 10mm, 6-digit LED display
- 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

<b>Input signal</b>	0-24V DC, 0-30V AC
<b>Sensor types</b>	Quad (x1, x2, x4), NPN, PNP, TTL
<b>Excitation</b>	24/5VDC (50/200mA max)
<b>Noise filtering</b>	20kHz, off
<b>Pulse width</b>	Must be > 5µs
----- <i>OPTIONAL</i> -----	
<b>Relay outputs</b>	4 x 5A form A
<b>Analog output</b>	Isolated 16-bit 4-20 mA or 0-10V output
<b>Serial port</b>	Isolated RS232/485

### RATE

**Input frequency** 20kHz max

<b>Sampling rate</b>	100msec
<b>Resolution</b>	0.01Hz
<b>Accuracy</b>	0.005%
<b>Temp drift</b>	Typically 2ppm/°C

### COUNTER

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

CODE	DESCRIPTION	POWER*
PRO - CTR200 - I - HV	Indicator	HV
PRO - CTR200 - I - LV	Indicator	LV
PRO - CTR200 - R4 - HV	4 x relays	HV
PRO - CTR200 - R4 - LV	4 x relays	LV
PRO - CTR200 - R4A - HV	4 x relays, 1 x analog output	HV
PRO - CTR200 - R4A - LV	4 x relays, 1 x analog output	LV
PRO - CTR200 - R4S - HV	4 x relays, 1 x serial port	HV
PRO - CTR200 - R4S - LV	4 x relays, 1 x serial port	LV
PRO - CTR200 - R4AS - HV	4 x relays, 1 x analog output, 1 x serial port	HV
PRO - CTR200 - 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)