

200 MKII Series Counters



Family features

- ▶ Dedicated range of Counters
- ▶ Four decade easily read display
- ▶ Microprocessor control
- ▶ Easy to set up and operate
- ▶ Scaling factor from 0.001 to 9999
- ▶ Programmable decimal point
- ▶ Programming buttons concealed behind front panel
- ▶ External Start, Stop and Reset
- ▶ Half DIN panel mounting case (96mm x 48mm)
- ▶ Choice of supply 115V AC / 230V AC / 24V DC

Standard options

- ▶ High-sensitivity input (12mV rms) suitable for use with flow measurement devices with low amplitude output signals
- ▶ 15 to 35V DC supply (suitable for use with vehicles operating on 24V batteries)
- ▶ Analogue input module (voltage to frequency converter)
- ▶ Splashproof cover

Special options

- ▶ Customised design or operation to suit unusual or dedicated applications –call our Sales Office to discuss your requirements

Typical applications

- ▶ Production counter
- ▶ Length measurement
- ▶ Flow totaliser (scaled in litres, gallons, etc.)

Technical specification

Display	4 decade, 14.2mm, seven segment high brightness red LED
Decimal point	User programmable
Scaling	User programmable and retained in EEPROM (non volatile memory)
Signal inputs	
Sensitivity	User adjustable from 200mV to 10V (protected to 100V). (Factory fitted High Sensitivity option allows low input level of 12mV minimum)
Frequency	30kHz maximum
Impedance	15k ohm minimum
Accuracy	0.05% with a square wave at 1V peak
Control inputs	External Stop and Reset require sink to 0V of 220 ohms maximum
D.C. voltage output	10V to 12V unregulated @ 80mA maximum
Connections	Screw terminals on the rear panel
Power requirements	Factory selected at 115V <i>or</i> 230V AC 50/60Hz. Loading 3VA (Factory fitted option to operate from 24V DC supply is available to order)
Temperature range	
Operating	0° to +50° C.
Storage	-20° to +80° C.
Dimensions	96 x 48 x 107 mm (panel cut-out 92 x 43 mm)
Weight	0.4 kg. (standard mains version)

Ordering guide

Please use the following order codes – if in doubt call our Sales Office for assistance:

200   / 



REQUIRED

C Standard Counter
C*** Customised version (code will be allocated at time of order)



OPTIONAL

HS High-sensitivity input option (normally required if using a Flowmeter fitted with a Magnetic Pickup).



REQUIRED

115 115V AC power supply
230 230V AC power supply
24 24V DC power supply

Optional Enhancements for the 200 Series Range (Order Separately)

SPC4 Splash-proof cover
A_IN1V Analogue input module (0-1V)
A_IN5V Analogue input module (0-5V)
A_IN10V Analogue input module (0-10V)
A_IN020 Analogue input module (0-20mA)
A_IN420 Analogue input module (4-20mA)

Examples:

200C/115 Standard Counter to operate on 115V AC 50/60Hz mains supply

200C**HS/230 Customised Counter with High Sensitivity option, 230V AC 50/60Hz mains supply

MADE IN THE UK

Reliability, Guaranteed



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Design and Manufacture of Electronic Systems and Instrumentation. Supply of Sensors and Transducers

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