

# Multi Function Counter 9100



## Features 9100

- Simultaneously maintains any 3 of the following: Count preset, count pre warn, batch preset, overspeed, underspeed condition and displays count, total and speed.
- Counts in any of 7 modes: A-B, A+B, A/B, count and direction and quadrature x1, x2 & x4.
- EEPROM retains program and data for 40 years with no power.
- 3 line Supertwist LCD display viewable from any angle.
- Easily programmed in English, German, French or Spanish using simple menu structure and 10-key keypad.
- Counting continues while rate measurement is in progress.
- Accurate enough for position sensing and robotic control.
- Displayed values, choice of engineering units and 12 characters of user programmable text can be printed directly from the IBM/Epson compatible serial printer port.
- Can be powered from 85-265VAC for world wide use.
- Multiplying and dividing prescalers enable display directly in the required (engineering) units.
- Manual, remote and automatic resets available.
- Remote inhibit and remote keyboard disable.
- Fast electronic or slow contact closure inputs, all with optical isolation. Contact closure inputs are debounced.
- Auxiliary 12VDC 100mA power output to power sensor.
- Environmental protection to IP65.
- CE approved. UL and cUL approval pending.

## Description 9100

The versatile 9100 multi-function instrument is a multi-preset, totalising counter / ratemeter with backlit display.

Simultaneous operation in different modes is now possible with this recent development of the highly successful 9100 multi-function counter. Additional enhancements include 3-line display, more keys, enhanced programming, EEPROM memory avoiding the need for a battery, and on-screen programming prompts in four languages.

The 9100 carries out rate measurement, batch counting and totalising simultaneously. Rate mode is signified by an R appearing at the top left hand corner of the display and counting carries on in the background. The first line of the display shows pulses per minute (PPM) unless a prescaler is in use.

