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## Datasheet

# 8 Digit LCD Counter

RS Stock number [492-7319](#)



### Description:

The product provides the user the ultimate flexibility, from its complete user programming to the optional relay output capability. The meter can be programmed as a single or dual counter with rate indication capability. The display can be toggled either manually or automatically between the selected displays.

The display has 11.7 mm digits. The LCD is available in two versions, reflective and backlight. The backlight version is user selectable for green or red backlighting with variable display intensity. The counter is programmable for one of eight different count modes, including bi-directional and quadrature. When programmed as a dual counter, each counter has a separate scale factor and decimal point read-outs in different engineering units.

The meter has two separate inputs which provide different functions depending on which operating mode is selected. Input A accepts the signal for the Count and or Rate displays, while Input B accepts the signal for the Count display or direction control. In the anti-coincidence mode, both inputs are monitored simultaneously so that no counts are lost. The resulting display can be chosen as the sum or difference of the two inputs. The Rate Indicator has programmable low (minimum) and high (maximum) update times to provide optimal display response at any input frequency. There is a programmable user input that can be programmed to perform a variety of functions.

The capability can be easily expanded with the addition of an option module. Set point capability is field installable with the addition of a relay output module.

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### Specifications:

Backlighting:	Yes
Connection Type:	Screw
Count Direction:	Bi-directional
Count Mode:	Seconds
Digit Height:	11.7 mm
Display Range:	-9999999 to 99999999
Display Type:	LCD
Input Type:	Voltage
Maximum Count Frequency:	20 kHz
Maximum Operating Temperature:	75 °C
Minimum Operating Temperature:	-35 °C
Mounting Type:	Panel
Number of Digits:	8
Output / Interface:	Relay
Reset Method:	Manual
Supply Voltage:	9 – 28 V DC
Weight:	100 g

### Dimensional Drawing:

The measurements are given in inches with millimetres given in brackets.

