

C+C Miniature LCD Digital Panel Meters CX101

CX101 series of digital panel meters proved to of high reliability, good quality and fine workmanship with competitive pricing for a variety of applications. Combining unmatched performance with a high degree of reliability, the 3-1/2 digit LCD panel meter is the first choice for many applications that require instrumentation.



CX101 series consist of 2 versions:

- 1) CX101A: 9V power supply. if connected as overleaf, can be used common grounded.
- 2) CX101B: 5V power supply, common ground

Both versions can be connected in a way that enables the power supply can have common ground with signal to be measured.

Specifications:

Display	CX101A	CX101B
Type of display	LCD	LCD
Digits	3-1/2digits (1999)12.7mm figure height	3-1/2digits (1999)12.7mm figure height
Polarity	Automatic. (-) for negative value	Automatic. (-) for negative value
Power	9V powered	5V powered,common ground
Decimal Point	User selectable	User selectable
Over Range	Display 1	Display 1
Input(Analog)		
Full scale range	200mV	200mV
Configuration	True differential input and reference	True differential input and reference
Bias Current	10pA maximum	10pA maximum
Impedance	10MΩ	10MΩ
Operation		
Accuracy	±(0.1%rdg.+1 dgt.)	±(0.1%rdg.+1 dgt.)
Conversion rate	2.5 per second	2.5 per second
Com Mode Voltage	±1V maximum	±1V maximum
Com Mode Reject	>86 decibels	>86 decibel
Zeroing	Automatic	Automatic
Tempco	Standard +100ppm/°C	Standard +100ppm/°C
Operating Temp	Standard 0 to 50°C	Standard 0-50°C
Storage Temp	Standard -20 to 70°C	Standard -20 to 70°C
Mounting	Window Plug-in	Window Plug-in
Connection Pins	13 pins	13 pins

- | | |
|-----------------------|--|
| Pin 1 - V+ | Pin 8 - RFL |
| Pin 2 - V- | Pin 9 - RFH |
| Pin 3 - No Connection | Pin 10 - ROH |
| Pin 4 - No Connection | Pin 11 - D1 Decimal point left of hundreds digit |
| Pin 5 - COM | Pin 12 - D 2 Decimal point left of tens digit |
| Pin 6 - INLO | Pin 13 - D3 Decimal point left of units digit |
| Pin 7 - INHI | |

