



Compact digital multimeters available in 24 x 48mm and 36 x 72mm packages... high contrast backlighted LCD

A compact panel meter module for printed circuit board mounting features a 3-1/2 digit, LCD display with backlight capability. Available in two package sizes: 24 x 48mm (10mm high display) and 36 x 72mm (14mm high display). It may be powered by an external 5 or 9 volt DC battery or power supply (not included).

LED backlighting provides crisp, clear display under every lighting condition,

PCB solder-pins are provided for electrical connections and integral bezel allows convenient panel mounting.

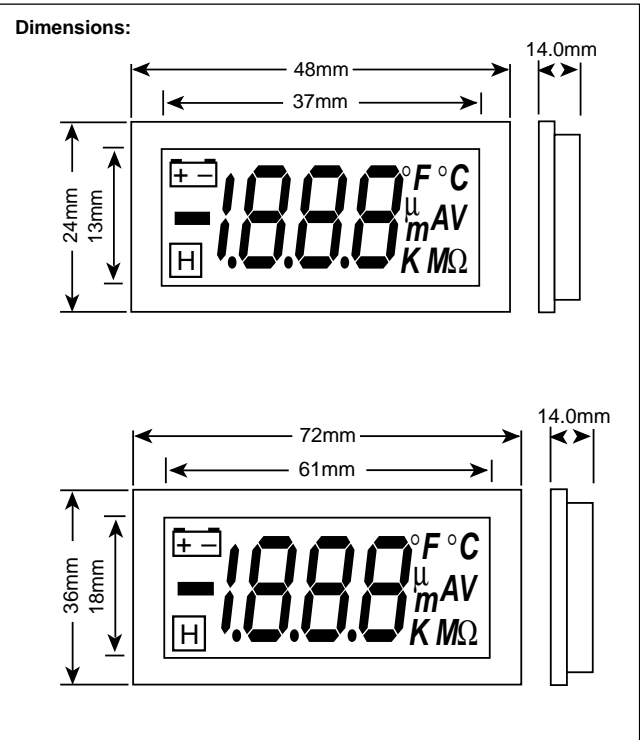
Using external resistor networks or other components, the panel meter's 200mV full-scale reading may be calibrated for measurement of voltage and multirange voltage, voltage ratio, current and multirange current, resistance and resistance ratio and temperature. Easy to use annunciators and programmable decimal point produce a friendly user interface.

- 3-1/2 digit backlighted LCD
- 5 or 9 volt dc operation
- Low battery indication
- Display on-hold function
- 200 mV full scale sensitivity
- Easy to use annunciators
- Automatic polarity and zero

Ideal applications are: test equipment, process instrumentation, medical equipment, environmental monitors and many more. Low current consumption and low battery indicator (9 volt operation only) allow use in portable equipment.

Specifications

	Min	Typ	Max	Units
Accuracy (±1 LSD)		0.05	0.1	%
Linearity			±1	LSD
Sample Rate		3		per sec
Temperature Stability		30		ppm/°C
Operating temperature range	0		50	°C
Supply voltage (5v mode)	3	5	7	Vdc
Supply voltage (9v mode)	7	9	12	Vdc
Supply current		2		mA
Backlight current (24 x 48mm)		80		mA
Backlight current (36 x 72mm)		160		mA
Input impedance	100			MΩ



Model Number	Description
07999F3-003	Panel Meter 36 x 72mm, 14mm LCD
07999F3-004	Panel Meter 24 x 48mm, 8mm LCD