

V SERIES

DESIGNED FOR OEM APPLICATIONS



A series of digital panel meters intended for use in high volume applications. Each meter has good performance, is easy to use and offers value for money. The V 1, V 125 and V 600 modules are only available in packs of 10. All modules are supplied with bezels. An evaluation pack V EVAL, containing one of each meter and a demonstration unit is also available.

Modules shown actual size



DC Voltmeter

Stock No.

V 1

- 3½ digit LCD voltmeter
- 6.3mm (0.25") digit height
- Auto-zero, auto-polarity
- User selectable decimal points
- 200mV full scale reading
- DIL connection



DC Voltmeter

Stock No.

V 125

- 3½ digit LCD voltmeter
- 12.5mm (0.5") digit height
- Auto-zero, auto-polarity
- User selectable decimal points
- 200mV full scale reading
- SIL connection



DC Voltmeter

Stock No.

V 600

- 3½ digit LCD voltmeter
- 15mm (0.6") digit height
- Auto-zero, auto-polarity
- User selectable decimal points
- 200mV full scale reading
- Compatible with industry-standard types
- SIL connection



not shown actual size

Evaluation Pack

Stock No.

V EVAL

- Complete evaluation system
- Accelerates system development
- V 1, V 125 & V 600 included
- Battery powered (9V PP3 supplied)

FOR A FULL PRODUCT DATA SHEET, PRICING AND ON-LINE STORE VISIT:

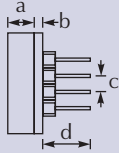
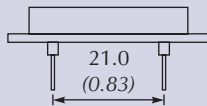
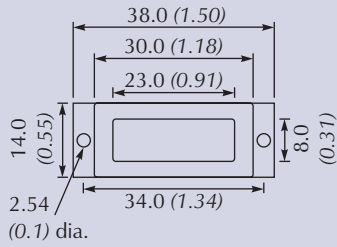
www.lascarelectronics.com



Mechanical Specification

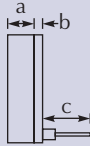
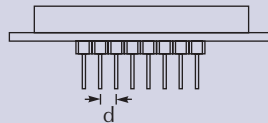
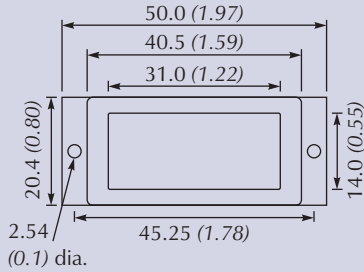
All dimensions in mm (inches)

V 1



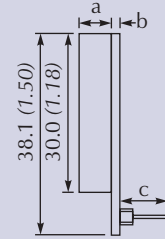
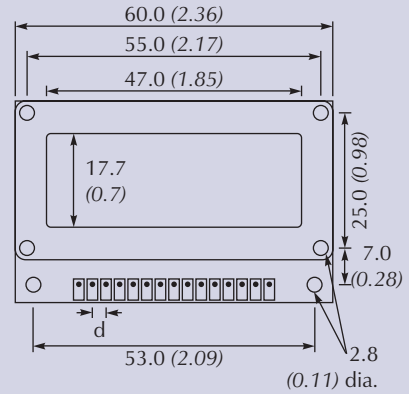
- a. 5.50 (0.22)
- b. 1.60 (0.06)
- c. 2.54 (0.10)
- d. 9.00 (0.35)

V 125



- a. 5.20 (0.20)
- b. 1.60 (0.06)
- c. 9.00 (0.35)
- d. 2.54 (0.10)

V 600



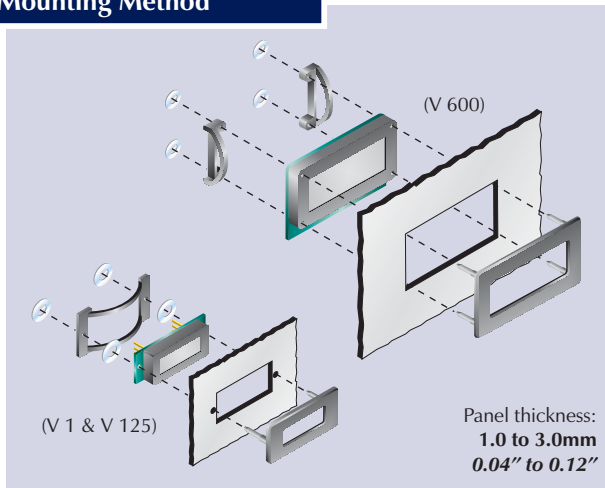
- a. 6.10 (0.24)
- b. 1.60 (0.06)
- c. 9.00 (0.35)
- d. 2.54 (0.10)

Dimensions	V 1		V 125		V 600	
Digit height	6.3mm	0.25"	12.5mm	0.5"	15.0mm	0.6"
Panel cut-out (W x H)	31.0 x 15.0mm	1.22" x 0.59"	41.5 x 21.4mm	1.63" x 0.84"	62.0 x 32.0mm	2.44" x 1.26"
Bezel (W x H)	38.0 x 18.0mm	1.50" x 0.71"	50.0 x 24.4mm	1.97" x 0.96"	64.5 x 34.5mm	2.54" x 1.36"

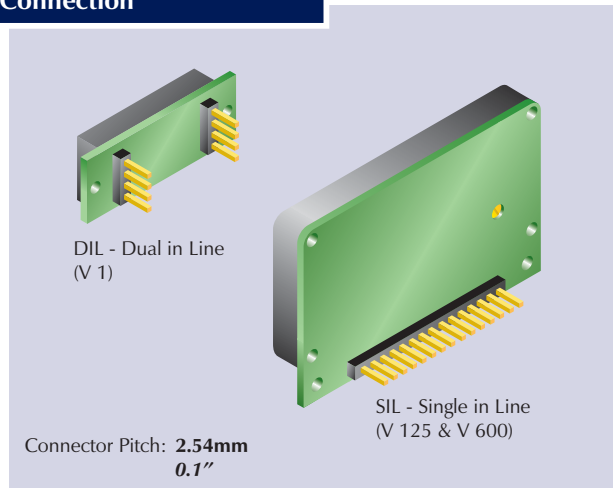
Specification	V 1		V 125		V 600	
Accuracy (overall error)*	0.25% (±3 count) (typ.)		0.25% (±3 count) (typ.)		0.25% (±3 count) (typ.)	
Full scale reading	±200mV d.c.		±200mV d.c.		±200mV d.c.	
Linearity	0-1000 rdg	±3 counts (typ.)	±3 counts (typ.)	±3 counts (typ.)	±3 counts (typ.)	±3 counts (typ.)
	0-2000 rdg	±5 counts (typ.)	±5 counts (typ.)	±5 counts (typ.)	±5 counts (typ.)	±5 counts (typ.)
Sample rate	3 samples/sec. (typ.)		3 samples/sec. (typ.)		3 samples/sec. (typ.)	
Operating temperature range	0°C to 50°C		0°C to 50°C		0°C to 50°C	
Temperature stability	300 ppm/°C (typ.)		300 ppm/°C (typ.)		300 ppm/°C (typ.)	
Supply voltage	7.0V to 12.0V d.c.		7.0V to 12.0V d.c.		7.0V to 12.0V d.c.	
Supply current	1mA (typ.)		1mA (typ.)		1mA (typ.)	

* To ensure maximum accuracy, re-calibrate periodically.

Mounting Method



Connection



Please note that all specifications are correct at time of print. The Company reserves the right to change any specification, typographical, clerical or other error or omission without any liability on the part of the company.

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