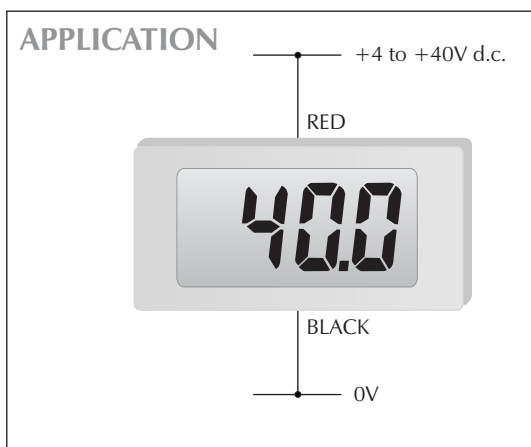


EMV 1200-40

Single Hole Mounting 2-Wire Meter

EMV 1200-40 is an easy to mount LCD digital panel meter. The module features a 4 to 40V measurement range with 200mV resolution and is powered from the signal it is measuring. Only valid readings are displayed; the module indicates "LO" at voltages below 4V and "HI" at voltages above 40V. To install the meter, the user need only drill a single 5.5mm / $\frac{7}{32}$ " hole in the panel. The module is fitted to the panel by locating its threaded stud through the hole, fitting the washer and tightening the nut provided. The module's connecting wires pass through the hollow stud into the target application for connection. A rubber seal is included, providing splash proof protection for the unit when fitted to the meter during installation.

- 🌀 Single Hole Mounting
- 🌀 2-Wire Operation
- 🌀 4 to 40V d.c. Full Scale Reading
- 🌀 12.5mm / 0.5" LCD Digit Height
- 🌀 Reverse Polarity Protection
- 🌀 Splashproof



Easy Mounting Voltmeter				Stock Number EMV 1200-40
Specification	Min.	Typ.	Max.	Unit
Accuracy (overall error)		0.4		V (± 1 count)
Linearity			± 1	count
Valid displayed reading*	4.0		40.0	V d.c.
Resolution		200		mV d.c.
Sample rate		3		sample/sec
Operating temperature range	0		50	$^{\circ}$ C
Supply voltage	3		50	V d.c.
Supply current			3	mA

* At voltages below 4.0V d.c., the LCD will display *LO* and will ultimately go blank.
At Voltages in excess of 40.0V d.c., the LCD will display *HI*.
Do NOT exceed 50V d.c., as this may damage the meter.
The module includes reverse polarity protection up to 30V for up to 30 seconds.
Operation and accuracy at voltages above 40.0V or below 4.0V are not specified.

SAFETY

To comply with the Low Voltage Directive (LVD 93/68/EEC), input voltages to the module's wires must not exceed 60Vd.c. The user must ensure that the incorporation of the meter into the user's equipment conforms to the relevant sections of BS EN 61010 (Safety Requirements for Electrical Equipment for Measuring, Control and Laboratory Use).

DIMENSIONS All dimensions in mm (inches)

Reading when $V_{in} < 4V$,
before display switches off.

Reading when $V_{in} > 40V$.

FITTING THE EMV 1200-40

Drill a 5.5mm / $\frac{7}{32}$ " hole in the panel. Fit seal to the rear of the module. Fit the module to the panel by passing its screw threaded stud and the wires through the hole, fitting the washer and tightening the nut provided. Take care not to trap either of the connecting wires. Do not to over tighten the nut as this may damage the meter.

Specifications liable to change without prior warning EMV 1200-40 Issue 8 November/2006 IRCN 716 M.C. Applies to EMV 1200/2



LASCAR ELECTRONICS LTD.
MODULE HOUSE,
WHITEPARISH,
WILTSHIRE SP5 2SJ UK
TEL: +44 (0)1794 884567 FAX: +44 (0)1794 884616
E-MAIL: sales@lascar.co.uk

LASCAR ELECTRONICS INC.
3750 WEST 26th STREET,
ERIE, PA 16506
USA
TEL: +1 (814) 835 0621 FAX: +1 (814) 838 8141
E-MAIL: us-sales@lascarelectronics.com

LASCAR ELECTRONICS (HK) LIMITED
UNIT NOS. 6-8 19/F FUTURA PLAZA,
111-113 HOW MING STREET,
KWUN TONG, KOWLOON, HONG KONG
TEL: +852 2389 6502 FAX: +852 2389 6535
E-MAIL: purchasing@lascar.com.hk

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [lascar](#) manufacturer:

Other Similar products are found below :

[EL-USB-1-PRO](#) [EL-USB-5](#) [EL-USB-4](#) [SP400-BLUE](#) [SGD21-B](#) [EL-WIFI-TP+-PROBE-G](#) [S43-RS485](#) [EL-MOTE-WALL-BRACKET](#) [EL-MOTE-T-PLUS](#) [SGD24-M-IP](#) [EL-GFX-1](#) [EM32-1B-LED](#) [EMV1200](#) [DPM3AS-BL](#) [EL-GFX-DTC](#) [EL-USB-RT](#) [EL-WIFI-ALERT](#) [DTM](#) [995B](#) [DPM125-BL](#) [PSU30205](#) [PSU203](#) [DPM942-FPSI](#) [EL-CC-2-001 PK10](#) [EL-CC-2-005 PK10](#) [S70-TP](#) [EL-SIE-1](#) [EL-SIE-1+](#) [EL-SIE-2+](#) [EL-SIE-6+](#) [SGD24-M-IP420](#) [WIRELESS ALERT TP](#) [EL-SGD43-ATP](#) [EL-GFX-2](#) [EM32-1B](#) [EL-USB-ACT](#) [EL-CC-2-002 PK10](#) [EL-MOTE-TH](#) [EL-USB-CO](#) [EMT1900](#) [EL-ENVIROPAD-TC](#) [DPM702S](#) [SGD 43-A DK+](#) [EL-WIFI-TH](#) [EL-USB-2-LCD+](#) [EL-WIFI-21CFR-TP+](#) [EL-GFX-DTP+](#) [EL-CC-2-004 PK10](#) [EL-USB-5+](#) [EL-USB-TP-LCD-PROBE-G](#) [EL-CC-1-003 PK10](#)