



**OMEGA TYPE DNM-021** Digital Nano-ammeter is suitable for current measurement in the range of 100pA to 2mA. For the ease, readings are directly obtained on a 3½ digit LED display. The instrument is capable of accepting either polarity of the input current.

The instrument uses a FET input operational amplifier that offers the very low input bias current, low offset voltage, low drift and noise.

#### FEATURES

- 01 Measures current down to 100pA.
- 02 All solid state and IC design.
- 03 Accepts either polarity of input current.
- 04 Portable with compact size and light weight

#### APPLICATIONS

- 01 To measure current from photo multiplier tubes, photometer etc.
- 02 Leakage currents in solid state devices, FET gate and tube grid voltage without loading errors.
- 03 Current through very high resistance in conjunction with a power supply.
- 04 Potentials across semiconductors, Piezoelectric systems & PH electrodes.

#### SPECIFICATIONS

- |                     |   |
|---------------------|---|
| 01 RANGE            | : 100 nA, 1 mA, 10 mA, 100mA, 1mA   |
| 02 ACCURACY         | : ±0.25% for all ranges   |
| 03 RESOLUTION       | : 0.1 nA, 1 nA, 10 nA, 100 nA, 1mA  |
| 04 INPUT RESISTANCE | : 25 W, 2.5 W, 0.25 W, 0.025W, 0.001W   |
| 05 DISPLAY          | : 3½ digits 7 segment LED (12.5 mm height) with auto polarity and decimal indication. |
| 06 INPUT            | : Through amp-henol connector.  |
| 07 POWER REQ.       | : 230VAC ± 10% at 50Hz.   |
| 08 Weight           | : 2.900 Kg. (Approx.)   |
| 09 Dimension        | : W290 x H 160 x D 230  |

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

**Works:**  
28E & F, Malviya Industrial Area,  
Jaipur-302 017 (INDIA)  
Phone: 0141-2751559

E-mail : info@omegaelectronics.net  
: omegajipur62@gmail.com

**Marketing Division:**  
B-28, Fateh Singh Scheme, Opp. Rajputana  
Palace Sheraton, Jaipur-302006 (INDIA)  
Phone : 091-141-2375647, 2379223

[www.omegaelectronics.net](http://www.omegaelectronics.net)