

VNE2

Monofunction panel meter for
electrical measurements

VNE2 is a 20,000-point monofunction digital panel meter 72 x 24 mm for electrical measurements in voltage, current and process signals.

Description

VNE2 is a 20,000 point monofunction digital panel meter 72 x 24 mm for electrical measurements in voltage, current and process signals. It is particularly adapted to measurements in industrial areas: robust housing, connection through a removable screwing connector, high immunity to external noises, several types of power supply. AC current measurement can be performed using an external transformer insuring a good insulation to the instrument in regards to line potentials.

- Panel meter size: 72 mm x 24 mm
- IP40 protected
- Measurement and display of:
    - DC and AC voltage up to 650 V
    - DC current up to 1,000 A with an external shunt
    - AC current up to 200 A
    - Process
- 9 different power supplies available

Specifications

Electrical measurement indicator

Type	Range	Resolution	Accuracy (1 year) (23°C ±1°C)	Input impedance	Comment
DC voltage	200 mV 2 V 20 V 200 V 650 V	100 µV 1 mV 10 mV 100 mV 1 V	0.1% + 100 µV 0.1% + 1 mV 0.1% + 10 mV 0.1% + 0.1 V 0.1% + 1 V	> 100 MΩ 1.1 MΩ 1 MΩ 1 MΩ 10 MΩ	Optional decimal point command
DC current	On request 2 A	100 mV / 1000 pts 1 mA	0.2% + 1 mA	Shunt 100 mV 0.1 Ω	External Shunt 10 - 100 - 1 000 A or internal 2 - 20 - 200 mA
AC voltage	650 V	1 V	2 V	900 kΩ	Band-width 40 Hz to 400 Hz
AC current					

Models and accessories

Instrument:

Ordering reference code: DC voltage-AC voltage-DC current-AC current-Process with scaling-Display-Metal enclosure-Light setting

DC voltage:

200 mV	V12
2 V	V13
20 V	V14
200 V	V15
650 V	V16

AC voltage:

650 V	V76

DC current:

Internal Shunt 2 A	I26

AC current:

2 A	I33
20 A	I34
200 A	I35

Process with scaling (4-20 mA / 0-10 V / 0-5 V):

Custom request	D50
4-20 mA/0-100%	D51

Display:

Red	R
Green	V

Isolated power supply:

48 V~	9
230 V~	8
115 V~	7
24 V~	6

36 to 72 V-	5
18 to 36 V-	4
9 to 18 V-	3
5 V-	2

Metal enclosure:

Without	0
With	1

Light setting:

Without	0
With	1

Accessories:

AMD001	Adapter for 75 x 25 mm
PEM40254-001B	Metal Enclosure VNE2/TNE2, Waterproof front side