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TDE Instruments

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DPM802

Datasheet



Description

3 3/4-figure digital Voltmeter and Ampmeter panelmeter for AC or DC measuring with LCD display, white backlight, additional 40-segment linear bargraph, Low Bat indicator and RS-232 interface.

This panelmeter is equiped with autoranging voltage measuring range 400 mV to 300 V AC or DC and selectable amp measuring range 1 µA to 10 A AC or DC. Min, and Max. values are stored internally and can be displayed. The supply voltage range is between 5 V to 16 V DC. The measured data can be send to a PC with integrated RS-232 interface.

Features

- 3 3/4-figure LCD display with 40-segment bargraph
- Voltmeter measuring range 1 mV to 300 V
- Autoranging at 400 mV, 4 V, 40 V, 300 V
- Ampmeter measuring range 1 µA to 10 A
- Voltage Min. and Max. indicator
- Low Bat indicator
- RS-232 interface
- Screw-terminal connection

Specification

Supply Voltage
9 V DC (min. 5 V max. 16 V)
Display
3 3/4-figure LCD, 11 mm height
Measuring range voltage
1 mV to 300 V AC or DC
Accuaracy voltage
<1%
Measuring current
1 µA to 10 A AC or DC
Accuaracy current
<3%
Supply current
2 mA typical
Sampling rate
3 per second
Supply backlight
8 V to 12 V DC, 110 mA
Operating temperature
0°C to +50°C
Storage temperature
-20°C to +70°C
Dimensions
72 mm x 36 mm
Panel cut out
33 mm x 68 mm +0.5/-0

Order informationen

DPM802-TW Voltmeter and Ampmeter panelmeter with white backlight