

## DPM802

### Datasheet



### Description

3 3/4-figure digital Voltmeter and Ammeter 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 equipped with autoranging voltage measuring range 400 mV to 300 V AC or DC and selectable amp measuring range 1  $\mu$ A 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
- Ammeter measuring range 1  $\mu$ A 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

#### Accuracy voltage

<1%

#### Measuring current

1  $\mu$ A to 10 A AC or DC

#### Accuracy 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 Ammeter panelmeter with white backlight