

DIGITAL MULTIMETER - 24 RANGES / CAT II 700 V - CAT III 600 V / HOLD / AUTO POWER OFF / TEMP / 15 A AC & DC

DVM892N



Features

- CAT. II 700 V / CAT. III 600 V
- 24 ranges
- DMM with automatic polarity indication and 3 1/2-digit LCD display
- measurements: DC current up to 15A, AC and DC voltage up to 700 V resistance up to 20 M Ω
- temperature, diode, battery and continuity test with buzzer
- low-battery indication and data-hold function
- with protective holster

Specifications

- DC voltage: 200 mV / 2 / 20 / 200 / 700 V
 - basic accuracy: $\pm 0.5\%$ of rdg ± 2 digits for 200 mV - 200 V range / $\pm 0.8\%$ of rdg ± 2 digits for 700 V range
 - input impedance: 10 M Ω
 - maximum input: 700 V
 - overload protection: 700 V DC or AC rms
- AC voltage: 2 / 20 / 200 / 700 V
 - basic accuracy: $\pm 0.8\%$ of rdg ± 3 digits for 2 V - 200 V range / $\pm 1.2\%$ of rdg ± 3 digits for 700 V range
 - input impedance: 10 M Ω
 - frequency range: 40-500 Hz
 - maximum input: 700 V
- DC current: 2 m / 20 m / 200 m / 15 A
 - basic accuracy: $\pm 1.2\%$ of rdg ± 2 digits for 2 m - 20 mA range / $\pm 1.5\%$ of rdg ± 2 digits for 200 mA range / $\pm 2.0\%$ of rdg ± 3 digits for 15 A range
 - overload protection: 0.5 A / 1000 V fuse in mA range, 15 A / 1000 V fuse in 15 A range
- AC current: 2 m / 20 m / 200 m / 15A
 - basic accuracy: $\pm 1.5\%$ of rdg ± 3 digits for 2 m - 20 mA range / $\pm 2.0\%$ of rdg ± 3 digits for 200 mA range / $\pm 2.5\%$ of rdg ± 5 digits for 15 A range
 - overload protection: 0.5 A / 1000 V fuse in mA range, 15 A / 1000 V fuse in 15 A range
 - frequency range: 40-500 Hz
- resistance: 200 / 2 k / 20 k / 200 k / 2 M / 20 M Ω
 - basic accuracy: $\pm 1.0\%$ of rdg ± 3 digits for 200 Ω range / $\pm 1.0\%$ of rdg ± 2 digits for 2 k Ω ~200 k Ω range / $\pm 1.5\%$ of rdg ± 3 digits for 20 M Ω range
 - overload protection: 700 V DC or AC rms
- temperature: -50-150 / 150-800 $^{\circ}\text{C}$
 - basic accuracy: $\pm 3^{\circ}\text{C} \pm 1$ digits for -50 $^{\circ}\text{C}$ ~150 $^{\circ}\text{C}$ range / $\pm 3\%$ of rdg ± 1 digits for 150 $^{\circ}\text{C}$ ~800 $^{\circ}\text{C}$ range
 - overload protection: 0.5 A / 1000 V fuse
- battery test: 1.5 V / 9 V
 - basic accuracy: $\pm (5.0\% \text{ rdg} + 5 \text{ digits})$
 - overload protection: 0.5 A / 600 V fuse
 - overload protection: 0.5 A / 1000 V fuse

- audible continuity measurement: built-in buzzer sounds if resistance is less than 50 Ω
 - test voltage: ± 3 V
- diode measurement: test forward voltage of diode
 - test voltage: ± 3 V
- overrange : yes
- continuity buzzer: yes
- transistor test: yes
- diode test: yes
- low-battery indication: yes
- maximum display: 1999
- LCD display size: 61 x 26 mm
- ranging mode: manual
- data hold: yes
- backlight: no
- dimensions: 165 x 85 x 37 mm
- weight (with battery): 215 g
- power supply: 1 x 9 V 6LR61 battery (incl.)
- packing: blister
- accessories: manual / test leads / holster
- auto power-off: yes
- test lead probe (incl.): CAT III 600 V 15 A; L = 80 cm