

velleman®

DVM890F

3 ½ DMM - 30 RANGES / 20A / TEMPERATURE IN FAHRENHEIT / CAPACITANCE / FREQUENCY



Features

- very complete model
- low-battery indication, overload protection and automatic deactivation
- transistor, diode and audible continuity test
- DC current max. 20A, DC voltage max. 1000V
- AC current max. 20A, AC voltage max. 700V
- resistance measurements: up to 20Mohm
- capacitance measurements: from 2000pF to 20µF
- Frequency measurements: max. range 20kHz
- temperature test range: from 32°F to 104°F through built-in sensor
- K-type thermocouple measuring range: from -58°F to 1832°F
- with holster
- packaging: blister

Specifications

- DC voltage: 200m/2/20/200/1000V
 - basic accuracy: ±0.5%
 - input impedance: 10Mohm
 - maximum input: 1000V
- AC voltage: 2/20/200/700V
 - basic accuracy: ±0.8%
 - input impedance: 10Mohm
 - frequency range: 40-400Hz
 - maximum input: 750V
- DC current: 2m/20m/200m/20A
 - basic accuracy: ±0.8% (±2.0% for 20A range)
 - overload protection: 0.2A (20A for 20A range)
- AC current: 20m/200m/20A
 - basic accuracy: ±0.8% (±3.0% for 20A range)

- overload protection: 0.2A (20A range not fused)
- resistance: 200/2k/20k/200k/2M/20M/200M
 - basic accuracy: $\pm 0.8\%$ ($\pm 5.0\%$ for 200M range)
 - overload protection: 250V
- capacitance: 2000p/20n/200n/2 μ /20 μ F
 - accuracy: $\pm 2.5\%$
- inductance: -
 - accuracy: -
- frequency: 20kHz
 - basic accuracy: $\pm 1.0\%$
 - overload protection: 250V DC/AC
- temperature: -58°F to 1832°F
 - basic accuracy: $\pm 0.75\%$
- over range: yes "1"
- continuity buzzer: yes
- transistor test: yes
- diode test: yes
- low-battery indication: yes
- maximum display: 1999
- LCD display size: 1.2" x 2.4"
- ranging mode: manual
- data hold: no
- backlight: no
- dimensions: 3.5" x 6.7" x 1.5"
- weight (with battery): $\pm 12.0\text{oz}$
- power supply: 9V battery
- packing: blister
- Accessories: manual / test leads / holster / battery / temp. probe
- auto power-off: yes