DMM800 Series Specifications

The characteristics listed in this section apply under the following conditions:

- The instrument operates in an 18° to 28° C ambient environment at less than 75% relative humidity.
- The batteries are adequately charged (the battery indicator does not display).

NOTE. *All specifications are warranted unless marked "typical." Typical characteristics are not guaranteed but are provided for the convenience of the user.*

Table 2: General specifications

Characteristic	Description
LCD display digits	$4^3/_4$ or $3^3/_4$
Bargraph segments	40
Display count	40,000 or 4,000
Numeric update rate	1 time/sec (40,000 count) 4 times/sec (4,000 count)
Bargraph	20 times/sec
Polarity display	Automatic
Overrange display	OL is displayed
Low voltage indicator	Battery indicator
Automatic power-off time	User selectable (default = 15 minutes)
Power source	One standard 9 V battery, ANSI/NEDA 1604A, IEC 6F22
Maximum input voltage	1000 V (750 V AC) CAT II between V and COM
Maximum floating voltage	1000 V (750 V AC) CAT II between any terminal and earth ground
Maximum input current	400 mA between µA mA and COM 10 A continuous between A and COM (20 A for 30 seconds)
Maximum open circuit voltage	Current inputs: 600 V between A and COM and between µA mA and COM
Overload protection	
µA mA connector	1 A (600 V) fast blow fuse (type BLS or BBS) Tektronix part number 159-0337-00
A connector	15 A (600 V) fast blow fuse (type KTK or KLK) Tektronix part number 159-0287-00
V connector	1100 V_{pk} V~ V⎓ AC + DC 850 V_{pk} mV⎓ Hz Ω ◁)) °C ⊣⊢