DT-9915 Digital Multimeter

Technical Sheet

DC Voltage (Auto-ranging):
Range: 400.0mV, 4.000V, 40.00V, 400.0V, 1000V
Basic Accuracy: +0.5%
Resolution: 0.1mV

AC Voltage (Auto-ranging except 400mV):
Range: 400.0mV, 4.000V, 40.00V, 400.0V, 1000V
Basic Accuracy: +0.8%
Resolution: 0.1mV

DC Current (Auto-ranging for uA and mA):
Range: 400.0uA, 4000uA, 40.00mA, 400.0mA, 10A
Basic Accuracy: +1.8%
Resolution: 0.1uA

AC Current (Auto-ranging for uA and mA):
Range: 400.0uA, 4000uA, 40.00mA, 400.0mA, 10A
Basic Accuracy: +1.2%
Resolution: 0.1uA

Resistance (Auto-ranging):
Range: 400.0W, 4.000kW, 40.00kW, 400.0kW, 4.000MW, 40.00MW
Basic Accuracy: +0.8%
Resolution: 0.1W

Capacitance (Auto-ranging):
Range: 4.000nF, 40.00nF, 400.0nF, 4.000uF, 40.00uF, 200.0uF
Basic Accuracy: +3.0%
Resolution: 1pF

Frequency (Auto-ranging):
Range: 9.999Hz, 99.99Hz, 999.9Hz, 9.999kHz, 99.99kHz, 999.9kHz, 9.999MHz
Basic Accuracy: +1.5%
Resolution: 0.001Hz

Duty Cycle:
Range: 0.1%~99.9%
Basic Accuracy: +1.2%
Resolution: 0.1%

Diode Test and Audible continuity:
Diode Test: Test current of 0.3mA typical, open circuit voltage 1.5V DC typical
Audible continuity: Audible threshold: Less than150W, Test current: <0.3mA

Specifications:

Function	Range	Resolution	Accuracy
DC Voltage	400.0mV	0.1mV	+0.5% of rdg + 2 dgts
	4.000V	1mV	+1.2% of rdg + 2 dgts
	40.00V	10mV	
	400.0V	100mV	
	1000V	1V	+1.5% of rdg + 2 dgts
AC Voltage	400.0mV	0.1mV	+1.5%of rdg + 70 dgts
	4.000V	1mV	+1.2% of rdg + 3 dgts
	40.00V	10mV	+1.5% of rdg + 3 dgts
	400.0V	100mV	
	1000V	1V	+2.0% of rdg + 4 dgts
DC Current	400.0uA	0.1uA	+1.0% of rdg + 3 dgts
	4000uA	1uA	+1.5% of rdg + 3 dgts
	40.00mA	10uA	
	400.0mA	100uA	
	10A	10mA	+2.5% of rdg + 5 dgts
AC Current	400.0uA	0.1uA	+1.5% of rdg + 5 dgts
	4000uA	1uA	+1.8% of rdg + 5 dgts
	40.00mA	10uA	
	400.0mA	100uA	
	10A	10mA	+3.0% of rdg + 7 dgts
Resistance	400.0W	0.1W	+1.2% of rdg + 4 dgts
	4.000kW	1W	+1.0% of rdg + 2 dgts
	40.00kW	10W	+1.2% of rdg + 2 dgts
	400.0kW	100W	
	4.000MW	1kW	
	40.00MW	10kW	+2.0% of rdg + 3 dgts
Capacitance	4.000nF	1pF	+5.0% of rdg+20 dgts
	40.00nF	10pF	+5.0% of rdg + 7 dgts
	400.0nF	0.1nF	+3.0% of rdg + 5 dgts
	4.000uF	1nF	
	40.00uF	10nF	
	200.0uF	0.1uF	+5.0% of rdg + 5 dgts
Frequency	9.999Hz	0.001Hz	+1.5% of rdg + 5 dgts
	99.99Hz	0.01Hz	
	999.9Hz	0.1Hz	+1.2% of rdg + 3 dgts
	9.999kHz	1Hz	
	99.99kHz	10Hz	
	999.9kHz	100Hz	
	9.999MHz	1kHz	+1.5% of rdg + 4 dgts
Duty Cycle	0.1%~99.9%	0.1%	+1.2% of rdg + 2 dgts

Accuracy is given at 18 C to 28 C (65 F to 83 F), less than 70 % RH
The instrument complies with: EN61010-1.
Insulation: Class2, Double insulation.
Overvoltage category: CAT III 1000V, CAT IV 600V.
Polarity: Automatic, (-) negative polarity indication.
Over-range: OL mark indication.
Measurement rate: 2 times per second, nominal.
Operating environment: 0 C to 50 C (32 F to 122 F) at < 70 % relative humidity
Storage temperature: -20 C to 60 C (-4 F to 140 F) at < 80 % relative humidity.
Power: One 9V battery, NEDA 1604, IEC 6F22.
Dimensions: 182 (H) x 82 (W) x55 (D) mm
Weight: Approx.: 375g.