



ENGLISH

Product Datasheet

Stock No: 123-1939

RS PRO DIGITAL MULTIMETER

EN



Features

2000 Digital display counts
Display backlight
Data Hold
Diode Check
Continuity Test
EN61010-1 CATIII 600V
Double molded plastic housing

SPECIFICATIONS

Function	Range	Resolution	Accuracy
DC Voltage (V DC)	200mV	0.1mV	± (0.5% reading + 2 digits)
	2000mV	1mV	
	20V	0.01V	
	200V	0.1V	± (0.8% reading + 2 digits)
	600V	1V	
AC Voltage (V AC)	200V	0.1V	± (1.2% reading + 10 digits 50/60Hz)
	600V	1V	
DC Current (A DC)	2000 μ A	1 μ A	± (1.0% reading + 2 digits)
	20mA	10 μ A	
	200mA	100 μ A	± (1.2% reading + 2 digits)
	10A	10mA	± (2.0% reading + 2 digits)

Resistance	200 Ω	0.1 Ω	\pm (0.8% reading + 2 digits)
	2000 Ω	1 Ω	
	20k Ω	0.01k Ω	
	200k Ω	0.1k Ω	\pm (1.0% reading + 2 digits)
	2000k Ω	1k Ω	
Battery Test	9V	10mV	\pm (1.0% reading + 2 digits)
	1.5V	1mV	

NOTE: Accuracy specifications consist of two elements:

- (% reading) – This is the accuracy of the measurement circuit.
- (+ digits) – This is the accuracy of the analog to digital converter.

NOTE: Accuracy is stated at 65°F to 83°F (18°C to 28°C) and less than 75% RH.

SPECIFICATIONS

Diode Test	Test current of 1mA maximum, open circuit voltage 2.8V DC typical
Continuity Check	Audible signal will sound if the resistance is less than approximately 30 Ω
Battery Test current	9V (6mA); 1.5V (100mA)
Input Impedance	>1M Ω
ACV Bandwidth	45Hz to 450Hz
DCA voltage drop	200mV
Display	3 ½ digit, 2000 count LCD, 1.1" digits
Overrange indication	"1" is displayed
Polarity	Automatic (no indication for positive polarity); Minus (-) sign for negative polarity.
Measurement Rate	2 times per second, nominal
Low Battery Indication	"BAT" is displayed if battery voltage drops below operating voltage
Battery	one 9 volt (NEDA 1604) battery
Fuses	mA, μ A ranges; ceramic 0.2A/250V fast blow 5mm 20mm 10A range; ceramic 10A/250V fast blow 5mm x 20mm
Operating Temperature	32°F to 122°F (0°C to 50°C)

Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	<70% operating, <80% storage
Operating Altitude	7000ft. (2000) meters maximum.
Weight	255g
Size	150mm x 70mm x 48mm
Safety	Indoor use only Pollution Degree 2 Installation Category III 600V

Accessories:

Test leads, 9V battery, User manual.