

APECH AC-800



V $\overline{\text{---}}$

V $\sim$

A $\sim$

Ω

diode symbol

diode symbol

Features

- Displaying: LCD
- Max.jaw open: 35mm
- Hold: Data hold
- Sampling rate: 3 times/sec
- Low battery display:
- Auto power off
- Max display: 1999 (3 1/2) digits automatic polarity display
- Over-range display: "OL" displayed in the highest digit
- Relative value measurement
- Continuity test: If the resistance is < (50 $\pm$ 10) Ω , the buzzer sounds continuously
- Auto range or manual range

Specifications

Function	Range	Accuracy	Resolution
DC Voltage	200mV	$\pm(1.0\% + 5d)$	0.1mV
	2V		1 mV
	20V		10 mV
	200V		100 mV
AC Voltage	600V	$\pm(1.5\% + 5d)$	1V
	200mV		0.1mV
	2V		1 mV
	20V		10 mV
AC current	200V	$\pm(1.0\% + 5d)$	100 mV
	600V		1V
	2A		1mA
	20A		11 mA
Resistance	200A	$\pm(2.0\% + 5d)$	100 mA
	600A		1A
	200 Ω		0.1 Ω
	2k Ω		1 Ω
Continuity test	20 k Ω	$\pm(0.8\% + 3d)$	11 Ω
	200 k Ω		101 Ω
	2M Ω		1 k Ω
	20M Ω		10 k Ω
	Range	Description	Test condition
	diode symbol	Display read approx forward voltage of diode Buzzer sounds if resistance between terminals V/ Ω and COM is less than about (50 $\pm$ 10) Ω	Forward DC current approx 0.5mA, reversed voltage Approx: 1.5V Voltage of open is circuit Approx: 0.5V

APECH AC-801



V $\overline{\text{---}}$

V $\sim$

A $\sim$

Ω

diode symbol

diode symbol

diode symbol

Hz

$^{\circ}\text{C}/^{\circ}\text{F}$

Features

- Displaying: LCD
- Max.jaw open: 35mm
- Hold: Data hold
- Sampling rate: 3 times/sec
- Low battery display:
- Auto power off
- Max display: 4000 (3 1/2) digits automatic polarity display
- Over-range display: "OL" displayed in the highest digit
- Relative value measurement
- Continuity test: If the resistance is < (50 $\pm$ 10) Ω , the buzzer sounds continuously
- Auto range or manual range

Specifications

Function	Range	Accuracy	Resolution
DC Voltage	400mV	$\pm(1.0\% + 5d)$	0.1mV
	4V		1mV
	40V		10 mV
	400V		100 mV
AC Voltage	600V	$\pm(1.5\% + 5d)$	1V
	400mV		0.1mV
	4V		1mV
	40V		10 mV
AC current	400V	$\pm(1.0\% + 5d)$	100 mV
	600V		1V
	4A		1mA
	40A		10 mA
Resistance	400A	$\pm(2.0\% + 5d)$	100 mA
	600A		1A
	400 Ω		0.1 Ω
	4k Ω		1 Ω
Capacitance	40 k Ω	$\pm(0.8\% + 3d)$	10 Ω
	400 k Ω		100 Ω
	4M Ω		1 k Ω
	40M Ω		10 k Ω
Frequency	4 nF	$\pm(0.5\% + 20d)$	1 pF
	40 nF		10 pF
	400 nF		100 pF
	4 μF		1 nF
Temperature	40 μF	$\pm(3.5\% + 10d)$	10 nF
	200 μF		100 nF
	10Hz		0.01 Hz
	100 Hz		0.1 Hz
Continuity test	1000 Hz	$\pm(5.0\% + 5d)$	0.1 Hz
	10 kHz		1 Hz
	100 kHz		10 Hz
	1 MHz		100 Hz
	Range	Displaying value	Test condition
	(-40 ~ 1000) $^{\circ}\text{C}$	< 100 $^{\circ}\text{C}$ $\pm(1.0\% + 5d)$ >= 400 $^{\circ}\text{C}$ $\pm(1.5\% + 15d)$	1 $^{\circ}\text{C}$
	Range	Description	Test condition
	diode symbol	Display read approx forward voltage of diode	Forward DC current approx 0.5mA, reversed voltage Approx: 1.5V
	diode symbol	Buzzer sounds if resistance between terminals V/ Ω and COM is less than about (50 $\pm$ 10) Ω	Voltage of open is circuit Approx: 0.5V