

Dane techniczne

## Zestaw dla elektryków przemysłowych Fluke 87V/E2



### Najważniejsze cechy

All functionality of the 87V Industrial Digital Multimeter, plus:

- Fully insulated 3 mm exposed metal test probes for electricians working in high energy environments
- C35 Soft Carrying Case holds meter, test leads and other accessories
- TPAK magnetic hanging strap lets you attach the meter to any ferrous surface, such as cabinets and iron pipes.

### Omówienie produktu: Zestaw dla elektryków przemysłowych Fluke 87V/E2

Ten nowy zestaw oparty jest na Fluke 87V i dołączonych specjalnych akcesoriach czyniących diagnostykę przemysłową bardziej wydajną. Możesz zaoszczędzić ponad 15% kwoty w porównaniu z zakupem akcesoriów osobno.

### Specyfikacje: Zestaw dla elektryków przemysłowych Fluke 87V/E2

#### Specifications

Voltage DC	<b>Maximum Voltage</b>	1000 V
	Accuracy	$\pm(0.05\% + 1)$
	Maximum Resolution	10 $\mu$ V
Voltage AC	<b>Maximum Voltage</b>	1000 V
	Accuracy	$\pm(0.7\% + 2)$ True RMS
	AC Bandwidth	20 kHz with low pass filter; 3 db @ 1 kHz
	Maximum Resolution	0.1 mV
Current DC	<b>Maximum Amps</b>	10 A (20 A for 30 seconds maximum)
	Amps Accuracy	$\pm(0.2\% + 2)$
	Maximum Resolution	0.01 $\mu$ A
Current AC	<b>Maximum Amps</b>	10 A (20 A for 30 seconds maximum)
	Amps Accuracy	$\pm(1.0\% + 2)$ True RMS
	Maximum Resolution	0.1 $\mu$ A
Resistance	<b>Maximum Resistance</b>	50 M $\Omega$
	Accuracy	$\pm(0.2\% + 1)$
	Maximum Resolution	0.1 $\Omega$
Capacitance	<b>Maximum Capacitance</b>	9,999 $\mu$ F
	Accuracy	$\pm(1\% + 2)$
	Maximum Resolution	0.01 nF
Frequency	<b>Maximum Frequency</b>	200 kHz
	Accuracy	$\pm(0.005\% + 1)$
	Maximum Resolution	0.01 Hz
Duty Cycle	<b>Maximum Duty Cycle</b>	99.9%
	Accuracy	$\pm(0.2\%$ per khz $+0.1\%)$
	Maximum Resolution	0.1%
Temperature Measurement	-200.0°C - 1090°C -328.0°F - 1994.0°F excluding probe	
80 BK Temperature Probe	-40.0°C - 260°C -40.0°F - 500°F, 2.2°C or 2% whichever is greater	
Conductance	<b>Maximum Conductance</b>	60.00 nS
	Accuracy	$\pm(1.0\% + 10)$
	Maximum Resolution	0.01 nS
Diode	<b>Range</b>	3 V
	Resolution	1 mV
	Accuracy	$\pm(2\% + 1)$
Duty Cycle Range	<b>Accuracy</b>	Within $\pm(0.2\%$ per kHz $+0.1\%)$

Environmental Specifications		
Operating Temperature	-20°C to +55°C	
Storage Temperature	-40°C to +60°C	
Humidity (Without Condensation)	0% - 90% (0°C - 35°C) 0% - 70% (35°C - 55°C)	
Operating Altitude	2000 m	
Safety Specifications		
Overvoltage category	EN 61010-1 to 1000 V CAT III, 600V CAT IV	
Agency Approvals	UL, CSA, TÜV, VDE listed	
Mechanical and General Specifications		
Size	201 x 98 x 52 mm (with holster)	
Weight	355 g 624 g - with holster	
Display	<b>Digital</b>	6000 counts updates 4/sec. 19,999 counts in high-resolution mode
	Analog	32 segments, updates 40/sec.
	Frequency	19,999 counts, updates 3/sec at > 10 Hz
Warranty	Lifetime	
Battery Life	<b>Alkaline</b>	~400 hours typical, without backlight
Shock	1 Meter drop per IEC 61010-1:2001	
Vibration	Per MIL-PRF-28800 for a Class 2 instrument	

## Modele



### Fluke 87V/E2 Kit

Multimetr

Zawiera:

- Multimetr 87V
- Silikonowe przewody pomiarowe TL224
- Zaciski krokodylkowe AC220
- Koncówki pomiarowe TP238
- magnes i pasek
- Sonda temperaturowa 80BK
- Holster
- 9V bateria (zainstalowana)

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