



TECHNICAL DATA

Fluke CNX™ v3000 AC Wireless Voltage Module





Key features

The CNX v3000 AC Wireless Voltage Module provides:

- True RMS AC voltage measurements to 1000V
- $\pm 1\%$ accuracy to 500 Hz, $\pm 2\%$ accuracy to 1 kHz
- Memory recording up to 65,000 readings
- Backlit LCD display
- CAT IV 600 V, CAT III 1000 V; IP42

The CNX wireless system can track up to 10 measurement modules simultaneously, with results sent to a PC for detailed analysis.

Product overview: Fluke CNX™ v3000 AC Wireless Voltage Module

The CNX™ V3000 AC Wireless Voltage Module lets you work on electrical panels faster, safer and easier than ever before. Deenergize the cabinet. Connect one or more CNX™ v3000 AC Wireless Voltage Modules. Close the cabinet and reenergize. Now you can view measurements from up to 20 meters away on the CNX™ Wireless Multimeter. Measuring three-phase systems has never been faster or easier. Plus, no more writing down data as the CNX™ v3000 Voltage Module captures up to 65,000 sets of time stamped min/max/avg readings, using the optional PC adapter. CNX™ wireless test tools also offer increased safety by letting you view readings in a separate location from the test point. Now you can take readings on moving machinery, with only the measurement module in harm's way.

Specifications: Fluke CNX™ v3000 AC Wireless Voltage Module

Accuracy is specified as \pm ([% of reading] + [number of least significant digits]). All ranges are autoranging. Accuracy is specified from 5 % to 100 % of the range obtained by autoranging, from 18 °C to 28 °C.

AC Voltage			
Range ¹	Resolution	Accuracy ^{2 3}	
		45 Hz to 500 Hz	500 Hz to 1 kHz
6.000 V	0.001 V	1.0 % + 3	2.0 % + 3
60.00 V	0.01 V		
600.0 V	0.1 V		
1000 V	1 V		
Notes: ¹ All AC voltage ranges are specified from 1 % of range to 100 % of range. ² Crest factor of \square 3 at full scale up to 500 V, decreasing linearly to crest factor \square 1.5 at 1000 V. ³ For non-sinusoidal waveforms, add - (2 % of reading + 2 % full scale) typical, for crest factor up to 3.			
General Specifications			
LCD w/backlight	3½ digits, 6000 counts, updates 4/sec		
Battery type	2 AA, NEDA 15 A, IEC LR6		
Battery life	400 Hours		
Memory	Record up to 65,000 readings		
Unbound listen interval	5 seconds		
RF communications	2.4 GHz ISM Band		
RF communication range	20 Meters		
Operating temperature	-10 °C to +50 °C		
Storage temperature	-40 °C to +60 °C		
Operating humidity	90 % at 35 °C, 45 % at 40 °C, 45 % at 50 °C		
EMC	EN 61326-1:2006		
Safety compliance	EN/IEC 61010-1:2010 to 1000 V Measurement Category (CAT) III 600 V Measurement Category (CAT) IV EN/IEC 61010-2-030:2010 EN/IEC 61010-031:2002+A1:2008		
Pollution degree	2		
Temperature coefficient	0.1 X (specified accuracy)/ °C (< 18 °C or > 28 °C)		
Safety rating	CAT IV 600 V, CAT III 1000 V		
Certifications	CSA, FCC T68-FWCS IC:6627A-FWCS		
Ingress protection (IP) rating	IP42		
Size (HxWxD)	16.5 x 6.35 x 3.56 cm (6.5 x 2.5 x 1.4 in)		
Weight	.22 kg (8 oz)		

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