

TECHNICAL DATA

Fluke v3001 FC Wireless DC Voltage Module



Key features

The Fluke v3001 FC Wireless DC Voltage Module is fully functional DC voltage meter that wirelessly relays DC voltage measurements to other Fluke Connect® enabled master units, listed below:

- Fluke 3000 FC DMM
- Fluke Ti200/300/400 Infrared Camera
- PC via optional pc3000 FC Adapter
- Fluke Connect Mobile app

With the Fluke v3001 FC Wireless DC Voltage Module you can:

- Measure up to 1000 VDC
- Use as a standalone meter or as part of the system
- Use the logging function for recording and saving up to 65,000 readings

Product overview: Fluke v3001 FC Wireless DC Voltage Module

See it. Save it. Share it.

All the facts, right in the field. The Fluke v3001 FC Wireless DC Voltage Module is one member of a family of wireless test tools that let you share test data using the Fluke Connect® app with ShareLive™ video call.

Fluke Connect Wireless Test Tools put tools, not your body, near live electrical panels. It's simple. Connect the v3001 FC wireless DC voltage module, or any of the other Fluke Connect remote modules, and read the results on the Fluke Connect Wireless Multimeter or a portable PC from a safe distance.

Better still, the Fluke Connect test tools can send measurement data to your smartphone, so you can save and share measurements from the field with your team anytime, from anywhere.

Don't get bogged down while isolating intermittent electrical faults

Timing is everything when trying to find an intermittent problem and the hard part is, it doesn't always show up when you have your meter connected. We've solved that problem with Fluke Connect – leave your remote modules connected to log measurements and walk away to address other issues. You can then download the data for further analysis.

Work safely near electrical panels while wearing less PPE

Personal protective equipment (PPE) can save your life, but it's bulky, hot and hard to work in. With Fluke Connect, there's no need to work in front of live open panels or moving/hazardous machinery.

Picture having the ability to access live readings without being exposed to the live panel. It's easy. Just de-energize the cabinet, open the panel while wearing PPE and connect one or more v3001 FC modules. Close the cabinet, re-energize and let the Fluke Connect system work, reducing the risk of arc flash by separating yourself from hazardous measurement situations.

Specifications: Fluke v3001 FC Wireless DC Voltage Module

Voltage Specifications		
Function		
mV DC	Range ¹ / resolution	600.0 mV / 0.1 mV
	Accuracy	0.09% + 3
VDC	Range ¹ / resolution	6.000 V / 0.001 V 60.00 V / 0.01 V 600.0 V / 0.1 V
	Accuracy	0.09% + 3
	Range ¹ / resolution	1000 V / 1 V
	Accuracy	0.15% + 2
Accuracy is specified for 1 year after calibration, at operating temperatures of 18°C to 28°C, with relative humidity at 0% to 90%. Accuracy specifications take the form of \pm ([% of Reading] + [Number of least significant digits]). All ranges are autoranging. Accuracy is specified from the range obtained by autoranging, from 18°C to 28°C.		
General Specifications		
LCD w/ backlight	3 ½ digits, 6000 counts, 4/sec update rate	
Battery type	2 AA Alkaline batteries, NEDA 15A, IEC LR6	
Log rate/interval	Adjustable by PC from 1 sec to 1 hr, default 1 min	
Battery life	400 hours minimum	

Memory	Record up to 65,000 readings	
RF communications	2.4 GHz ISM Band	
RF communication range	Open air, unobstructed	Up to 20 m
	Obstructed, sheetrock wall	Up to 6.5 m
	Obstructed, concrete wall or steel electrical enclosure	Up to 3.5 m
Operating temperature	-10°C to +50°C	
Storage temperature	-40°C to +60°C	
Temperature coefficient	0.1 x (specified accuracy) / °C (< 18°C or > 28°C)	
Relative humidity	0% to 90% (0°C to 35°C), 0% to 75% (35°C to 40°C), 0% to 45% (40°C to 50°C)	
EMC	IEC 61236–1, Portable	
Safety compliance	IEC 61010–1, 600 V CAT IV / 1000 V CAT III, 3rd edition, Pollution Degree 2	
Certifications	CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE	
Ingress Protection (IP) rating	IP42	
Size (H x W x D)	160 x 66 x 38 mm (6.3 x 2.6 x 1.5 in)	
Weight	0.255 kg (9 oz)	
Warranty	Three years	
Not compatible with Fluke CNX test tools		

Ordering information



FLK-v3001 FC

Fluke v3001 FC Wireless DC Voltage Module

Includes:

- Fluke v3001 Voltage Module
- TL222 Test Leads
- AC220 Alligator Clips
- Magnetic hanging strap



Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect™ system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Access baseline, historical and current measurements by asset.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- Share your measurement data using ShareLive™ video calls and emails.

Find out more at flukeconnect.com



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Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.