



TECHNICAL DATA

# Fluke 28 II TRMS Rugged IP67 Digital Multimeter





## Key features

The Fluke 28II digital multimeter is designed for tough work environments and has IP67 waterproof and dustproof rating.

- True-rms
- Hi resolution 20,000 count display mode
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument

## Product overview: Fluke 28 II TRMS Rugged IP67 Digital Multimeter

### Fluke 28 II TRMS Rugged IP67 Digital Multimeter: The standard for rugged

The Fluke 28 II Digital Multimeter is ideal for operating in harsh conditions with the features and accuracy to troubleshoot most electrical problems. It has IP 67 (waterproof and dustproof) rating, MSHA approvals, extended operating temperature range and have been designed and tested to withstand a 3 m (10 ft) drop.

#### Other useful features

- Measure up to 1000 V AC and DC
- Measure up to 10 A (20 A for 30 seconds)
- 10,000  $\mu\text{F}$  capacitance range
- Frequency to 200 kHz
- Extended AC voltage bandwidth– 15 Hz to 20 kHz
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Resistance, continuity and diode test
- Min/Max and average recording to capture variations automatically
- Applications

For Plant engineer / Industrial electricians (Working with VSD's) / Users in extreme conditions. Cement Plants, Food Processing, Chemical Processing, Steel Mills and Mining

#### Includes

- Holster
- Test Leads Temperature probe
- Alligator Clips
- Manual
- Batteries

## Specifications: Fluke 28 II TRMS Rugged IP67 Digital Multimeter

Accuracy Specifications		
DC voltage	<b>Range</b>	0.1 mV to 1000 V
	Accuracy	0.05% + 1
AC voltage	<b>Range</b>	0.1 mV to 1000 V
	Accuracy	0.7% + 4
DC current	<b>Range</b>	0.1 $\mu\text{A}$ to 10 A
	Accuracy	0.2% + 4
AC current	<b>Range</b>	0.1 $\mu\text{A}$ to 10 A
	Accuracy	1.0% + 2
Resistance	<b>Range</b>	0.1 $\Omega$ to 50 M $\Omega$
Display counts		6000
Capacitance		1 nF to 9999 $\mu\text{F}$
Frequency		0.5 Hz to 199.99 kHz
Temperature		-200°C to +1090°C
Low pass filter (Measurement on VSD's)		Yes
Compliance		CAT IV 600 V , CAT III 1000 V

IP rating	IP 67	
Power	Three AA batteries	
Battery life	800 hours	
<b>General Specifications</b>		
Display	<b>Bar graph/backlight</b>	Yes/Yes
Data storage	<b>Peak transient capture</b>	250 $\mu$ S
	Min/Max/Avg	Yes
	Reading hold	Yes
Other features	<b>Relative readings (zero)</b>	Yes
	Battery type	Three AA batteries
Warranty and protection	<b>Safety rating</b>	CAT IV 600 V/CAT III 1000 V
	Mine safety	MSHA Approved
	External protection	Rubber holster
	Drop test	10 feet drop test
	Dustproof/waterproof	Yes, IP 67 rated
	Warranty	Limited lifetime
	Size (H x W x L) with holster	6.35 x 10.0 x 19.81 cm (2.5 x 3.93 x 7.8 in)
	Weight with holster	698.5 g (1.54 lb)

## Ordering information



### **Fluke 28 II**

Fluke 28 II Rugged Digital Multimeter

- 
- TL75 test leads
  - AC175 alligator clips
  - 80BK-A type-K thermocouple leads
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