

Ecom Intrinsicly-Safe Multimeter Fluke 28 II Ex



Features

- Extreme ruggedness, dustproof, waterproof (IP67)
- Measures up to 1000V / 10A (outside of the ex-hazardous area)
- CAT III 1000V / CAT IV 600V
- Min/Max/Avg and Peak capture
- Low pass filter for accurate measurements on variable speed motor drives
- 4½" digit display (20,000 counts) with backlight
- Input alert



SPECIFICATIONS

	Range	Accuracy
DC voltage	0.1 mV to 1000 V	± 0.05 % + 1
AC voltage	0.1 mV to 1000 V	± 0.7 % + 4
DC current	0.1 µA to 10 A	± 0.2 % + 4
AC current	0.1 µA to 10 A	± 1.0 % + 2
Resistance	0.1 Ω to 50 MΩ	± (0.2 % + 1)
Conductance	60.00 nS	± (1.0 % + 10)
Diode test	2.0 V	± (2.0 % + 1)
Duty cycle	0.0 % to 99.9 %	Within ± (0.2 % per kHz + 0.1 %) for rise times <1 µs
Display counts	6000 counts/19,999 counts in high-resolution mode	
Capacitance	10 nF to 9999 µF	± (1.0 % + 2)
Frequency	0.5 Hz to 199.99 kHz	± (0.005 % + 1)
Temperature	-200 °C to +1090 °C (-328 °F to +1994 °F)	± (1.0 % + 10) °C [± (1.0 % + 10) °F]
Operating temperature	-15 °C ... +50 °C	
Power supply	3 x AAA, type-proofed	
Operating time	approx. 400h	
Dimensions	approx. 210 x 100 x 64 mm (with holster)	
Weight	approx. 690 g	
IP rating	IP67	
ATEX Ex-Designation	Ex II G Ex Ia IIC T4 Gb; Ex II 2 G Ex ia IIC T4 Gb; Ex II 2 D Ex ia IIIC T130° Db Ex I M1 Ex ia I Ma	
EC-Certificate of Conformity	PTB 11 ATEX 2028 X	
IECEX Ex-Designation	Ex ia IIC T4 Gb; Ex ia IIIC T130°C Db; Ex ia I Ma	
EC-Certificate of Conformity	IECEX PTB 11.0080X	
Standard delivery	Ex-holster, Alligator clips, test leads, batteries, manual, Certificate/EC-declaration of conformity, CD	

MODEL	DESCRIPTION
28 II Ex	Ecom Fluke Intrinsicly-Safe Multimeter
Optional Accessories	Thermocouple 80BK-A, Temperature Probe 80PK-27, AC current clamp i400, Calibration

- Temperature
- Calibrator
- Pressure
- Humidity
- Recorder & Dataloggers
- Air Flow
- Level & Flow
- Portable Instruments
- EX Proof / IS
- Environment
- Aerospace