Specifications: Fluke 368 FC Leakage Current Clamp Meter

Electrical Specifications		
Measurement function	Alternating current	
AC ampere range	3 mA, 30 mA, 300 mA, 3 A, 30 A, 60 A	
	mA / A: manual selection 3 mA / 30 mA / 300 mA: automatic selection 3 A / 30 A / 60 A: automatic selection	
Range / Resolution	3 mA[1] / 0.001 mA	
	30 mA / 0.01 mA	
	300 mA / 0.1 mA	
	3 A / 0.001 A	
	30 A / 0.01 A	
	60 A / 0.1 A	
Accuracy – filter activated (40 to 70 Hz), filter off (40 to 1 kHz)[2]	3 mA – 30 A 60 A	1% + 5 digits 2% + 5 digits
Frequency	40 Hz to 1 kHz	
Crest Factor	3	
After calibration accuracy is valid for one year. Accuracy is expressed as ± (% of reading + digits). Reference conditions 23 ±5 °C and a maximum relative humidity of 80%. [1]The minimum value is 10 µA rms. [2]Outside of the TC / °C 18 °C to 28 °C, 0.02 + 1		
Physical		
Display (LCD)	Digital readout: 3300 count	
Display refresh rate	4 times / sec	
Maximum conductor diameter	40 mm	
Dimensions	234 x 101 x 46 mm	
Weight	500 g	
Battery	2 AA, IEC LR6, NEDA 15A, alkaline	
Battery life	Expected battery life, without using backlight and spotlight, is more than 150 hours	

Automatic shut-down	Meter automatically shuts down after 15 minutes of inactivity
Safety and Environmental Specifications	
General safety	IEC 61010-1: Pollution Degree 2
Measurement safety	IEC 61010-2-032: CAT III 600 V / CAT IV 300 V
Operating temperature	-10 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	Non-condensing (<10 °C)
	90% relative humidity (10 °C to 30 °C)
	75% relative humidity (30 °C to 40 °C)
	45% relative humidity (40 °C to 50 °C)
Protection class	IEC 60529: IP30 (jaw closed)
Operating altitude	2000 m
Storage altitude	12000 m
Current sensor action category	IEC 61557-13: Class 2, ≤30 A / m
Electromagnetic compatibility (EMC)	
International	
IEC 61326-1	Industrial Electromagnetic Environment
CISPR 11	Group 1 Class B
Group 1	Generated inside the equipment and / or use radio frequency energy associated with conducting the energy for the device's own internal functions is essential.
Class B	Equipment for home appliances and residential buildings directly connected to a low voltage power supply network equipment. When this device is connected to a test object, it may exceed the emission levels produced by CISPR 11 requirements. Korea (KCC): A type of equipment (radio and communication equipment industry)
Class A	This product meets the requirements of industrial electromagnetic equipment, vendors or users should be aware of this. This device is intended for use in a commercial environment, instead of the home environment. USA (FCC): 47 CFR 15 B Subpart. In accordance with section 15.103 provides that the products are considered tax-free device.