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Fluke 902 FC True-rms HVAC Clamp Meter

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Function		
A ac (via Jaw)	Resolution	0.01 / 0.1 A
	Accuracy	2.0% ±5 digit (45–65 Hz)
		2.5% ±5 digit (65–400 Hz)
Range	60.00 / 600.0 A	

	Crest Factor (50Hz or 60Hz)	2.5 MIN@220 A 3.0 MIN@180 A > 1.4 MIN@600 A Add 2% for CF>400 A
V ac	Resolution	0.1 V
	Accuracy	1.5% ±5 digits
	Range	600.0 V
V dc	Resolution	0.1 V
	Accuracy	1.5% ±5 digits
	Range	600.0 V
Ohms	Resolution	0.1/1/10
	Accuracy	1% ±5 digits
	Range	600/6000/60.00 kΩ
Capacitance	Resolution	0.1/1 μF
	Accuracy	1% ±4 digits
	Range	100.0/1000 μF
μA	Resolution	0.1 μA
	Accuracy	1% ±5 digits
	Range	200 μA
Contact temperature	Resolution	0.1 C/F
	Accuracy	1% ±8 digits
	Range	-10 to 400 °C (14 °F to 752 °F)
Continuity beeper	Beeper volume	75 dBA nom. 15 cm. from case front
	On threshold	<=30 Ω
Mechanical and General Specifications		
Maximum voltage between any terminal and earth ground	1000 V	
Battery type	2 AA alkaline batteries, NEDA 15A, IEC LR6	

Temperature	Operating: -10 °C to +50 °C (14 °F to +122 °F) Storage: -40 °C to +60 °C (-40 °F to +140 °F)
Operating humidity	Non condensing (< 10 °C [50 °F]), ≤90 % RH (at 10 °C to 30 °C [50 °F to 86 °F]), ≤75 % RH (at 30 °C to 40 °C (86 °F to 104 °F)), ≤45 % RH (at 40 °C to 50 °C (104 °F to 122 °F))
Altitude	Operating: 3,000 m (9,842 ft) Storage: 12,000 m (39,370 ft)
Dimensions	230 x 83.7 x 45.4mm (9.06 x 3.30 x 1.39 in)
Weight (meter only)	419 g (15 oz)
Safety	IEC 61010-1, Pollution Degree 2 IEC 61010-2-032: CAT III 1000 V / CAT IV 600 V IEC 61010-2-033: CAT III 1000 V / CAT IV 600 V
IP Rating	IEC 60529: IP30, non-operating
Radio Frequency Certification	FCC ID:T68-FBLE IC:6627A-FBLE
Electromagnetic Compatibility (EMC)	International: IEC 61326-1: Portable, Electromagnetic Environment, IEC 61326-2-2 CISPR 11: Group 1, Class A Korea (KCC): Class A Equipment (Industrial Broadcasting & Communication Equipment) USA (FCC): 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.
Temperature coefficients	Add 0.1 × specified accuracy for each degree C above 28 °C or below 18 °C

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