

Multimetrix®

DMM 210 / DMM 220 / DMM 230 / DMM 240 Industrial digital multimeters



- 600 V CAT IV / 1000 V CAT III
- Water- and dust-tight (IP 67)
- Built-in moulded shockproof sheath
- Large backlit display unit with bargraph
- High-resolution 6,000- and 40,000-count models

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Multimetrix[®]

Specifications :



		DMM 210	DMM 220	DMM 230	DMM 240
Display		6,000 counts Backlit with bargraph			40,000 counts Backlit with bargraph
Measurement type		Average		TRMS	TRMS
Bandwidth		40 Hz to 1 kHz			50 Hz to 1 kHz
I _{DC}	Ranges	600 μ A / 6000 μ A / 60 mA / 600 mA / 6 A / 10 A			400 μ A / 4000 μ A / 40 mA / 400 mA / 10 A (20 A max.)
	Basic accuracy	1.0 % + 3 counts			1.0 % + 3 counts
	Best resolution	0.1 μ A			0.01 μ A
	4-20 mA	—			-25 % to 125 %
I _{AC}	Ranges	600 μ A / 6000 μ A / 60 mA / 600 mA / 6 A / 10 A (20 A max.)			400 μ A / 4000 μ A / 40 mA / 400 mA / 10 A (20 A max.)
	Basic accuracy	1.5 % + 3 counts			1.5 % + 3 counts
	Best resolution	0.1 μ A			0.1 μ A
V _{DC}	Ranges	600 mV / 6 V / 60 V / 600 V / 1000 V			400 mV / 4 V / 40 V / 400 V / 1000 V
	Basic accuracy	0.09 % + 2 counts			0.06 % + 2 counts
	Best resolution	0.1 mV			0.01 mV
V _{AC}	Ranges	6 V / 60 V / 600 V / 1000 V			400 mV / 4 V / 40 V / 400 V / 1000 V
	Basic accuracy	1.0 % + 3 counts			1.0 % + 3 counts
	Best resolution	1 mV			0.1 mV
Resistance	Ranges	600 Ω / 6 k Ω / 60 k Ω / 600 k Ω / 6 M Ω / 60 M Ω			400 Ω / 4 k Ω / 40 k Ω / 400 k Ω / 4 M Ω / 40 M Ω
	Basic accuracy	0.3 % + 4 counts			0.3 % + 4 counts
	Best resolution	0.1 Ω			0.01 Ω
Audible continuity		Yes / 0.1 Ω			Yes / 0.1 Ω
Diode test		Yes			Yes
Capacitance		—	0.01 nF to 1000 μ F		0.001 nF to 40 mF
Temperature (K thermocouple)		—	- 45 $^{\circ}$ C to +750 $^{\circ}$ C		- 50 $^{\circ}$ C to +1000 $^{\circ}$ C
Frequency	Electrical	10.00 to 400.00 Hz			40.00 to 400.00 Hz
	Electronic	0.001 Hz to 10.00 MHz			0.001 Hz to 100.00 MHz
Duty cycle		0.1 to 99.9 %			0.1 to 99.90 %
Calibre selection		Autorange / Manual			
Other features		Automatic shutdown (deactivatable) Relative mode – MIN, MAX			Automatic shutdown (deactivatable) Relative mode – MIN, MAX, PEAK (1 ms)
Ingress protection		IP 67			
Safety		600 V Cat. IV / 1000 V Cat. III according to IEC 61010-1, IEC 61010-2-033			
Dimensions / weight		187 x 81 x 50 mm / 342 g approx.			
Accessories supplied		9 V battery, 1 set of red/black test-probe	9 V battery, 1 set of red/black test-probe + type K temperature probe		
TO ORDER					
Reference		P06231410	P06231411	P06231412	P06231413

906.211.480 - Ed.2 - 05/15 - Document not binding - Characteristics to be confirmed when ordering

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