

CMU 50-5

CURRENT MEASUREMENT UNIT

The relating applications:

*Magnetic field tests
Automotive tests
Precise current measurements*



Current Measurement Unit CMU 50-5

TECHNICAL DATA – CMU 50-5

		CMU 50-5		
Current ranges (transfer ratio)		5 A (0.5 V/A)		
		50 A (0.05 V/A)		
Accuracy		±(% of reading + % of range)		
	<i>Frequency</i>	DC ... 1 kHz	1 kHz ... 100 kHz	100 kHz ... 300 kHz
	<i>Accuracy</i>	0.5 + 0.05	1 + 0.05	5 + 0.05
Input terminal		100 A flat clamps		
Output terminal		BNC socket		
Ambient temperature		+10 °C up to +40 °C		
Storage temperature		-25 °C up to +60 °C		
Relative humidity		non condensing, max. 80 % for temperature < 31 °C, decreasing linearly to 50 % at 40 °C		
Ingress protection		IP20		
Power supply (±10 %, 50/60 Hz)		230 V		
Line protection, connection		4 A, Schuko		
Housing		desktop unit or plug-in, colour light grey (RAL 7035)		
		19", 3 U		
	<i>approx. dimension (H x W x D)</i>	134 x 483 x 150 mm		
Weight	<i>approx.</i>	5 kg		