Current sensors

Ammeter clamps

The widest range of IEC 1010 clamps

MN88

Our innovation, technical mastery and desire to manufacture top-quality products that comply with norms have made Chauvin Arnoux the worldwide specialist in ammeter clamps.
On the next pages, you will find a table presenting the clamps for measuring AC/DC current, followed by a diagram giving clamp form with dimensions and then another table grouping a large number of models for AC current.
As a result of their specifications, certain clamps are specialized for specific applications.

- Clamps for oscilloscopes (BNC connectors): E3N, PAC12, PAC22, MN60, Y7N, C160, and D38N
- Clamps for leak currents: MN73 and C173
- Process current clamps: K1 and K2
- Clamp for measurement on the secondary winding of current transformers: MN71

As well as these standard specialized and unspecialized models, "specific" versions can also be produced on request: please ask for details.

K1

Choosing your ammeter clamp

There is a wide range of criteria for choosing an ammeter clamp. The approach below is designed to help define your requirements and guide you naturally towards the model which best suits your application.
The criteria selected are classified from 1 to 6.
To choose your clamp, we advise you to follow this logic:

- Measurement of direct or alternating current? (AC/DC clamps or AC clamps tables)
- High or low currents? (see the "Input" column to define the appropriate families of clamps)
- On small wires or large cables? (see the diagrams at the bottom of the next page and only choose families with the shapes and dimensions required)
- What instrument will it be connected to? (see "Input / Connection" column to choose a clamp with compatible signal and connection possibilities)
- What are your other criteria? (see "Specific features" column to check that the clamp chosen fulfils your requirements perfectly)

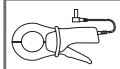
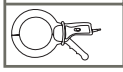
		MULTIMETERS									
Clamps	Output	C.A 5000	C.A 5001	C.A 5003	C.A 5005	C.A 5011	C.A 5205G	C.A 5210G	C.A 5220G	C.A 5230G	C.A 5240	C.A 5260
AC CLAMPS												
MN09	I		■	■		■			■	■	■	
MN11	I	■	■	■		■			■	■	■	
MN13	V						■	■				■
MN39	V						■	■				■
MN89	V DC	■			■		■	■				■
Y1N	I		■	■		■			■	■	■	
C103	I		■	■		■			■	■	■	
C122	I		■	■								
C148	I		■	■								
C173	V								■	■	■	
D30CN	I	■	■	■								
D36N	I	■	■	■		■			■	■	■	
AmpFLEX	V					■	■	■	■	■	■	
AC/DC CLAMPS												
K1/K2	V					■		■	■	■	■	
E1N	V					■	■	■	■	■	■	
E6N	V					■		■	■	■	■	
PAC10	V								■	■	■	
PAC11	V								■	■	■	
PAC20	V								■	■	■	

The ■ sign indicates the compatibility between a clamp and a multimeter
The colored squares indicate the best choice for your multimeter

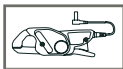
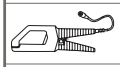
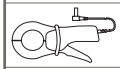
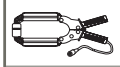
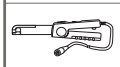
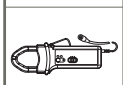
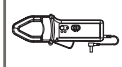
See product index page 64

Current measurement

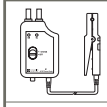
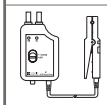
Leak current measurement

Series	Model	Input: Measurement range (1) — Very low current	Low current	Medium current	Ho current	~ AC	⎓ DC	Output / Connections: Current	Voltage	Lead + safety plug ø 4 mm(2)	Female sockets ø 4 mm	BNC connector (oscilloscopes)	Specific features: Transformation ratio (input/output)	Output protected against overvoltages	Automatic DC zero	Power measurement (low phase shift)	Bandwith (frequency in Hz)	Typical accuracy	To order
	MN73	10 mA to 2.4 A 100 mA to 240 A				●			2 V AC 2 V AC	●			1 A/1000 mV 1 A/10 mV				40 Hz to 10 kHz	≤ 1% ≤ 2%	> P01.1204.21
	C173	1 mA to 1.2 A 0.01 to 12 A 0.1 to 120 A 1 to 1200 A				●			1 V AC	●			1 A/1V 10 A/1V 100 A/1V 1000 A/1V				10 Hz to 3 kHz	≤ 0.7% ≤ 0.5% ≤ 0.3% ≤ 0.2%	> P01.1203.09
	B102	500 µA to 4 A 0.5 to 400 A				●			4 V AC 0.4 V AC	●			1 mA/1 mV 1 A/1 mV	●			10 Hz to 1 kHz	≤ 0.5% ≤ 0.35%	> P01.1200.83

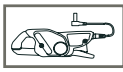
Measurement on oscilloscope

	MN60	0.1 to 60 A peak 0.5 to 600 A peak				●			2 V AC 2 V AC			●	1 A/100 mV 1 A/10 mV				40 Hz to 40 kHz	≤ 2% ≤ 1.5%	> P01.1204.09
	Y7N	1 A to 1200 A peak				●			1 V AC			●	1 mA/1 mV				5 Hz to 10 kHz	≤ 2%	> P01.1200.75
	C160	0.1 to 30 A peak 1 to 300 A peak 1 to 2000 A peak				●			3 V peak 3 V peak 2 V peak			●	10 A/1 V 100 A/1 V 1000 A/1 V				10 Hz to 100 kHz	≤ 3% ≤ 2% ≤ 1%	> P01.1203.08
	D38N	1 to 90 A peak 1 to 900 A peak 1 to 9000 A peak				●			1 V AC			●	1 A/10 V 1 A/1 mV 1 A/0.1 mV				30 Hz to 50 kHz	≤ 2%	> P01.1200.57A
	E3N	0.05 to 10 A peak 1 to 100 A peak				●			1 V peak			●	1 A/100 mV 1 A/10 mV				DC to 100 kHz	≤ 3% ≤ 4%	> P01.1200.43A
	PAC12	0.2 to 60 A peak 0.4 to 60 A DC 0.5 to 600 A peak 0.5 to 600 A DC				●			600 mV AC/DC			●	1 A/10 mV 1 A/1 mV		●		DC to 10 kHz	≤ 1.5% ≤ 2%	> P01.1200.72
	PAC22	0.2 to 150 A peak 0.4 to 150 A DC 0.5 to 1400 A peak 0.5 to 1400 A DC				●			1.4 V AC/DC			●	1 A/10 mV 1 A/1 mV		●		DC to 10 kHz	≤ 1.5% ≤ 2.5%	> P01.1200.73

Measurement of process current

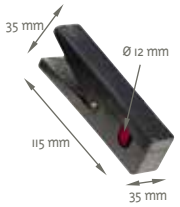
	K1	1 to 14.5 A DC 1 to 3 A RMS 1 to 2 A peak				●			4.5 V DC 3 V RMS 2 V peak	●			1 mA/1 mV				DC to 2 kHz	≤ 1%	> P01.1200.67
	K2	0.1 to 450 mA DC 0.1 to 300 mA RMS 0.1 to 450 mA peak				●			4.5 V DC 3 V RMS 2 V peak	●			1 mA/10 mV				DC to 1.5 kHz	≤ 1%	> P01.1200.74

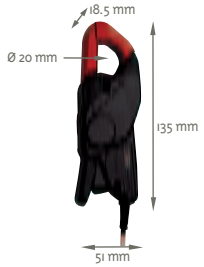
Measurement on secondary widing of current transformers

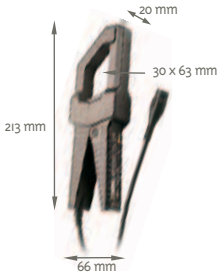
	MN71	10 mA to 12 A				●			1 V AC	●			1 A/100 mV				40 Hz to 10 kHz	≤ 1%	> P01.1204.20

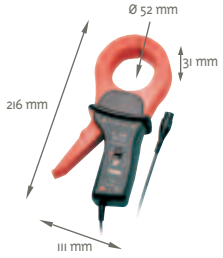
(1) The upper value corresponds to 120% of the maximum nominal value.
(2) Lead + electronic unit with Ø 4 mm safety connectors, centre distance 19 mm, for K series

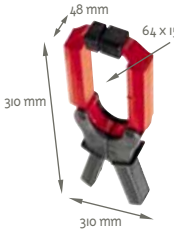
AC current measurement









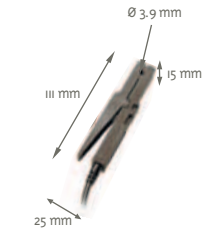


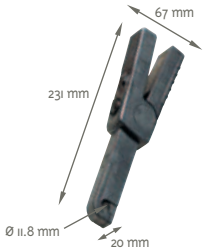
Series	Model	Input: Measurement range (1) — Very low current	Low current	Medium current	Hot current	~ AC	⎓ DC	Output / Connections: Current	Voltage	Leads + safety plug ø 4 mm(2)	Female sockets ø 4 mm	BNC connector (oscilloscope)	Transformation ratio (input/output)	Specific features: Output protected against overvoltage	Automatic DC zero	Power measurement (low phase shift)	Bandwith (frequency in Hz)	Typical accuracy	To Order
	Miniclamp 1	1 mA to 10 A 1 A to 100 A				●			10 V AC 0.1 V AC	●			1 mA/1 mV 1 A/1 mV				45 Hz..500 Hz	≤ 3 % ≤ 2 %	> P01.1050.01
	Miniclamp 2		1 A to 150 A			●			15 V DC (2)		●		1 A/100 mV				50 Hz..400 Hz	≤ 3%	> P01.1050.02
	Miniclamp 3		0.5 to 150 A			●		0.3 A AC			●		500/1				45 Hz..450 Hz	≤ 4%	> P01.1050.03
	Miniclamp 4		2 to 150 A			●		0.15 A AC			●		1000/1				45 Hz..1 kHz	≤ 2,5%	> P01.1050.04
	Miniclamp 5	50 mA to 100 A				●		0.1 A AC			●		1000/1			●	45 Hz..10 kHz	≤ 1%	> P01.1050.05
	MN08		0.5 to 240 A			●		0.2 A AC			●		1000/1				40 Hz..10 kHz	≤ 1%	> P01.1204.01
	MN09		0.5 to 240 A			●		0.2 A AC		●			1000/1				40 Hz..10 kHz	≤ 1%	> P01.1204.02
	MN010		0.5 to 240 A			●		0.2 A AC			●		1000/1	●			40 Hz..10 kHz	≤ 2%	> P01.1204.03
	MN011		0.5 to 240 A			●		0.2 A AC		●			1000/1	●			40 Hz..10 kHz	≤ 2%	> P01.1204.04
	MN012		0.5 to 240 A			●			2 V AC		●		1 A/10 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.05
	MN013		0.5 to 240 A			●			2 V AC	●			1 A/10 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.06
	MN014		0.5 to 240 A			●			0.2 V AC		●		1 A/1 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.16
	MN015		0.5 to 240 A			●			0.2 V AC	●			1 A/1 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.17
	MN021		0.1 to 240 A			●		0.2 A AC		●			1000/1	●			40 Hz..10 kHz	≤ 2%	> P01.1204.18
	MN023		0.1 to 240 A			●			2 V AC	●			1 A/10 mV				40 Hz..10 kHz	≤ 1,5%	> P01.1204.19
	MN038		0.1 to 24 A 0.5 to 240 A			●			2 V AC 2 V AC		●		1 A/100 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.07
	MN039		0.1 to 24 A 0.5 to 240 A			●			2 V AC 2 V AC	●			1 A/100 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.08
	MN060		0.1 to 60 A peak 0.5 to 600 A peak			●			2 V AC 2 V AC			●	1 A/100 mV 1 A/10 mV				40 Hz..40 kHz	≤ 2% ≤ 1,5%	> P01.1204.09
	MN071	10 mA to 12 A				●			1 V AC	●			1 A/100 mV				40 Hz..10 kHz	≤ 1%	> P01.1204.20
	MN073		10 mA to 2.4 A 100 mA to 240 A			●			2 V AC 2 V AC	●			1 mA/1 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1% ≤ 2%	> P01.1204.21
	MN088		0.5 to 240 A			●			20 V DC (2)		●		1 A/100 mV				40 Hz..10 kHz	≤ 2%	> P01.1204.10
	MN089		0.5 to 240 A			●			20 V DC (2)	●			1 A/100 mV				40 Hz..10 kHz	≤ 2%	> P01.1204.15
	Y1N		4 A to 600 A			●		0.5 A AC		●			1000/1	●			48 Hz..1 kHz	≤ 3%	> P01.1200.01A
	Y2N		4 A to 600 A			●		0.5 A AC		●			1000/1	●			48 Hz..1 kHz	≤ 1%	> P01.1200.28A
	Y3N		4 A to 600 A			●		5 A AC		●			100/1				48 Hz..1 kHz	≤ 3%	> P01.1200.29A
	Y4N		4 A to 600 A			●			0.5 V DC (2)	●			500 A/ 0.5 V				48 Hz..1 kHz	≤ 1%	> P01.1200.05A
	Y7N		1 A to 1200 A peak			●			1 V AC			●	1 A/1 mV				5 Hz..10 kHz	≤ 2%	> P01.1200.75
	C100		0.1 to 1200 A			●		1 A AC			●		1000/1				30 Hz..10 kHz	≤ 0.5%	> P01.1203.01
	C102		0.1 to 1200 A			●		1 A AC			●		1000/1	●			30 Hz..10 kHz	≤ 0.5%	> P01.1203.02
	C103		0.1 to 1200 A			●		1 A AC		●			1000/1	●			30 Hz..10 kHz	≤ 0.5%	> P01.1203.03
	C106		0.1 to 1200 A			●			1 V AC		●		1 A/1 mV				30 Hz..10 kHz	≤ 0.5%	> P01.1203.04
	C107		0.1 to 1200 A			●			1 V AC	●			1 A/1 mV				30 Hz..10 kHz	≤ 0.5%	> P01.1203.05
	C112		1 mA to 1200 A			●		1 A AC			●		1000/1	●		●	30 Hz..10 kHz	≤ 0.3%	> P01.1203.14
	C113		1 mA to 1200 A			●		1 A AC		●			1000/1	●		●	30 Hz..10 kHz	≤ 0.3%	> P01.1203.15
	C116		1 mA to 1200 A			●			1 V AC		●		1 A/1 mV			●	30 Hz..10 kHz	≤ 0.3%	> P01.1203.16
	C117		1 mA to 1200 A			●			1 V AC	●			1 A/1 mV			●	30 Hz..10 kHz	≤ 0.3%	> P01.1203.17
	C122		1 to 1200 A			●		5 A AC			●		1000/5	●			30 Hz..10 kHz	≤ 1%	> P01.1203.06
	C148		1 to 300 A 1 to 600 A 1 to 1200 A			●		5 A AC			●		250/5 500/5 1000/5	●			48 Hz..1 kHz	≤ 2% ≤ 1% ≤ 1%	> P01.1203.07
	C160		0.1 to 30 A peak 0.1 to 300 A peak 1 to 2000 A peak			●			3 V peak 3 V peak 2 V peak			●	10 A/1 V 100 A/1 V 1000 A/1 V				10 Hz..100 kHz	≤ 3% ≤ 2% ≤ 1%	> P01.1203.08
	C173		1 mA to 1.2 A 0.01 to 12 A 0.1 to 120 A 1 to 1200 A			●			1 V AC	●			1 A/1 V 10 A/1 V 100 A/1 V 1000 A/1 V				10 Hz..3 kHz	≤ 0.7% ≤ 0.5% ≤ 0.3% ≤ 0.2%	> P01.1203.09
	B102		500 µA to 4 A 0,5 to 400 A			●			4 V AC 0.4 V AC	●			1 mA/1 mV 1 A/1 mV	●			10 Hz..1 kHz	≤ 0,5% ≤0,35%	> P01.1200.83
	D30N		1 A to 3600 A			●		1 A AC			●		3000/1	●		●	30 Hz..5 kHz	≤ 0.5%	> P01.1200.49A
	D30CN		1 A to 3600 A			●		1 A AC		●			3000/1	●		●	30 Hz..5 kHz	≤ 0.5%	> P01.1200.64
	D31N		1 to 600 A 1 to 1200 A 1 to 1800 A			●		1 A AC			●		500/1 1000/1 1500/1	●			30 Hz..1.5 kHz	≤ 3% ≤ 1% ≤ 0.5%	> P01.1200.50A
	D32N		1 to 1200 A 1 to 2400 A 1 to 3600 A			●		1 A AC			●		1000/1 2000/1 3000/1	●		●	30 Hz..1 kHz	≤ 1% ≤ 0.5% ≤ 0.5%	> P01.1200.51A
	D33N		1 to 3600 A			●		5 A AC			●		3000/5				30 Hz..5 kHz	≤ 1%	> P01.1200.52A
	D34N		1 to 600 A 1 to 1200 A 1 to 1800 A			●		5 A AC			●		500/5 1000/5 1500/5				30 Hz..1.5 kHz	≤ 3% ≤ 1% ≤ 0.5%	> P01.1200.53A
	D35N		1 to 1200 A 1 to 2400 A 1 to 3600 A			●		5 A AC			●		1000/5 2000/5 3000/5			●	30 Hz..1.5 kHz	≤ 1% ≤ 0.5% ≤ 0.5%	> P01.1200.54A
	D36N		1 to 3600 A			●		3 A AC			●		3000/3	●		●	30 Hz..5 kHz	≤ 0.5%	> P01.1200.55A
	D37N		0.1 to 36 A RMS 1 to 360 A RMS 1 to 3600 A RMS			●			3 V AC		●		30 A/3 V 300 A/3 V 3000 A/3 V				30 Hz..5 kHz	≤ 2%	> P01.1200.56A
	D38N		1 to 90 A peak 1 to 900 A peak 1 to 9000 A peak			●			1 V AC			●	1 A/10 mV 1 A/1 mV 1 A/0.1 mV				30 Hz..50 kHz	≤ 2%	> P01.1200.57A

(1) The higher value corresponds to 120% of the max. nominal value (2) Reshaping of AC signal by diodes.

See product index page 64

AC / DC current measurement

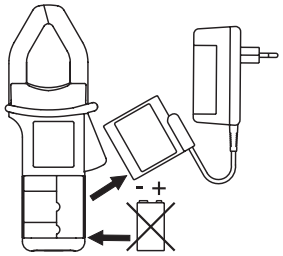




		Input						Output / Connections					Specific features					
		Measurement range (1)															
Series	Model	Very low current	Low current	Medium current	Hot current	~ AC	⎓ DC	Current	Voltage	Leads + safety plug ø 4 mm(2)	Female sockets ø 4 mm	BNC connector (oscilloscopes)	Transformation ratio (input/output)	Output protected against overvoltage	Automatic DC zero	Power measurement (low phase shift)	Bandwith (frequency in Hz)	Typical accuracy	To Order
	K1	1 mA to 4.5 A DC 1 mA to 3 A RMS 1 mA to 4.5 A peak				●	●		4.5 V DC 3 V RMS 2 V peak	●			1 mA/1 mV				DC..2 kHz	≤ 1%	> P01.1200.67
	K2	100 µA to 450 mA DC 100 µA to 300 mA RMS 100 µA to 450 mA peak				●	●		4 5 V DC 3 V RMS 2 V peak	●			1 mA/10 mV				DC..1.5 kHz	≤ 1%	> P01.1200.74
	E1N	0.05 to 2 A DC 0.05 to 1.5 A AC 0.5 to 150 A AC/DC				●	●		2 V DC 1.5 V AC 150 mV AC/DC	●			1 A/1 V 1 A/1 mV				DC..2 kHz DC..8 kHz	≤ 2% ≤ 1.5%	> P01.1200.30A
	E3N	0.05 to 10 A peak 1 to 100 A peak				●	●		1 V peak			●	1 A/100 mV 1 A/10 mV				DC..100 kHz	≤ 3% ≤ 4%	> P01.1200.43A
	E6N	5 mA to 2 A DC 5 mA to 1.5 A AC 20 mA to 80 A AC/D				●	●		2 V DC 1.5 V AC 0.8 V AC/DC	●			1 A/1 V 1 A/10 mV				DC..2 kHz DC..8 kHz	≤ 2% ≤ 4%	> P01.1200.40A
	PAC10	0.5 to 400 A AC 0.5 to 600 A DC				●	●		600 mV AC/DC	●			1 A/1 mV				DC..5 kHz	≤ 2%	> P01.1200.70
	PAC11	0.2 to 40 A AC 0.4 to 60 A DC 0.5 to 400 A AC 0.5 to 600 A DC				●	●		600 mV AC/DC	●			1 A/10 mV 1 A/1 mV		●		DC..10 kHz	≤1.5% ≤ 2%	> P01.1200.68
	PAC12	0.2 to 60 A peak 0.4 to 60 A DC 0.5 to 600 A peak 0.5 to 600 A DC				●	●		600 mV AC/DC			●	1 A/10 mV 1 A/1 mV		●		DC..10 kHz	≤1.5% ≤ 2%	> P01.1200.72
	PAC20	0.5 to 1000 A AC 0.5 to 1400 A DC				●	●		1.4 V AC/DC	●			1 A/1 mV				DC..5 kHz	≤ 2%	> P01.1200.71
	PAC21	0.2 to 100 A AC 0.4 to 150 A DC 0.5 to 1000 A AC 0.5 to 1400 A DC				●	●		1.4 V AC/DC	●			1 A/10 mV 1 A/1 mV		●		DC..10 kHz	≤ 1.5% ≤ 2.5%	> P01.1200.69
	PAC22	0.2 to 150 A peak 0.4 to 150 A DC 0.5 to 1400 A peak 0.5 to 1400 A DC				●	●		1.4 V AC/DC			●	1 A/10 mV 1 A/1 mV		●		DC..10 kHz	≤ 1.5% ≤ 2.5%	> P01.1200.73

(1) The higher value corresponds to 120% of the max. nominal value
(2) Lead + electronic housing with Ø 4 mm safety plugs, centre distance 19 mm, for K series.

Bring an unlimited autonomy to your current clamps: replace the battery with the mains adapter plug



Adapter for...	Reference
E clamps	> P01.1019.68
K clamps	> P01.1019.66
PAC clamps	> P01.1019.67

Flexible current sensors

AmpFLEX™ — Flexibility and easy handling for clamping any conductor

The range is composed of 9 standard models dedicated to the measurement of AC currents from 0.5 A to 10 kA, at industrial frequencies. Each flexible core (48, 80 or 120 cm long depending on the model) is connected by a shielded cable to a small box containing the processing electronics and a standard 9 V battery. The distance between the sockets (19 mm) facilitates direct connection to any type of multimeter, tester or recorder equipped with an AC voltage input (impedance Z > 1 MΩ). The quick and simple system for opening/closing the core makes it easy to handle even with safety gloves.*
Other strong points: very lightweight (no magnetic circuit), no saturation effect, highly accurate and very little phase shift (for wattmeter measurements).

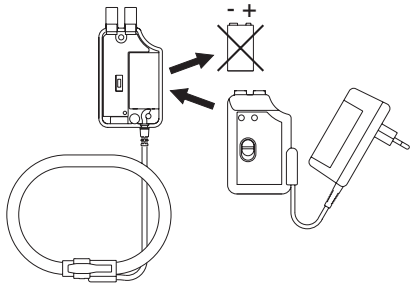
9 standard models	20-200 A	2 kA		0.2 - 2 kA		0.3 - 3 kA			1-10 kA
Sensor length	45 cm	45 cm	80 cm	45 cm	80 cm	45 cm	80 cm	1.2 m	1.2 m
Single or two-calibre	20 A 200 A	2000 A		200 A 2000 A		300 A 3000 A			1000 A 10000 A
Input / output ratio (in mV~ / A~)	100 mV/A 10 mV/A	1 m V/A		10 mV/A 1 mV/A		10 mV/A 1 mV/A			1 mV/A 0.1 mV/A
Measurement range	0.5 A to 200 A ac	0.5 A to 2 kA ac		0.5 A to 2 kA ac		0.5 A to 3 kA ac			0.5 A to 10 kA ac
Typical accuracy	1%								
Bandwidth	10 Hz to 20 kHz								
Typical phase Shift at 50Hz	≤ 1.3°	≤ 0.7°							≤ 0.5°
Dimensions / weight	Housing: 140 x 64 x 28 mm - 200 g - Built-in lead: 2 m								
Weight of flexible sensor	< 120 g		< 240 g	< 120 g	< 240 g	<120 g	< 240 g		< 360 g
Electrical safety	IEC 61010-2-032 1000 V Cat III								

Standard AmpFLEX™ model*:

2 kA (45 cm)	> P01.1205.01	300 A / 3 kA (45 cm)	> P01.1205.06
2 kA (80 cm)	> P01.1205.02	300 A / 3 kA (80 cm)	> P01.1205.07
20 A / 200 A (45 cm)	> P01.1205.03	300 A / 3 kA (1.2 m)	> P01.1205.08
200 A / 2 kA (45 cm)	> P01.1205.04	1 kA / 10 kA (1.2 m)	> P01.1205.09
200 A / 2 kA (80 cm)	> P01.1205.05	Adapter socket Ø 4 mm/BNC	> P01.1018.46

Also see AmpFLEX™ Logger C.A 605 and C.A 607 page 49

* Specific models on request: consult us concerning the possible sensitivities (mV/A) and lengths. We can also supply bare sensors for incorporation in assemblies including the signal processing electronics.



Bring unlimited autonomy to your AmpFLEX™: replace the battery with the mains adapted plug

Adapter for AmpFLEX™ **> P01.1019.68**

See product index page 64

Digital current clamps

> *TRMS measurement for all sinusoidal or distorted AC currents*

F1N

- Intensity and frequency
- HOLD function

F2N

- PEAK / SMOOTH / HOLD functions

F3N

- Min/max/avg storage

	Pince F1N	Pince F2N	Pince F3N
Reference	> P01.1207.01A	> P01.1207.02A	> P01.1207.03A
Max clamping capacity	Ø 42 mm		
Display	10,000 counts and 40-segment bargraph		
Intensity	2 cal.: 0.3 to 400 A - 700 A TRMS 1000 A peak		
Frequency stable	2 cal.: 0.5 Hz to 1kHz - 10 kHz		
Frequency variable	2 cal.: 5 Hz to 1kHz - 2 kHz		
Storage			min, max and avg values
Peak		1 ms in intensity	
Smooth (3 s)		3 s in intensity and frequency	
Hold	yes		
Electrical safety	IEC 61010 600 V cat.III-2		
Dimensions	232 x 98 x 44 mm		
Weight	500 g		
State of delivery	with carrying case		

Accessories

Carrying case > P01.2980.43

Digital RMS current recorders

C.A 601

> *Quick and easy load curve acquisition*

- A single control button
- Instrument status signaling with LED
- Acquisition frequency automatically adjusted according to real acquisition time, without prior configuration (data automatic compression algorithm)

	C.A 601
Reference	> P01.1568.01
Digital recording	0.5 to 600 A RMS
Accuracy	2% R
Resolution	Automatic selection
Acquisition frequency	4096 sam/hour max
Recording capacity	8192 values
Instrument status	signaling with LED
Data transfer	RS 232 output
Clamping capacity	Ø 42 mm cable max
Electrical safety	IEC 61010 600 V cat.III-2
Dimensions	235 x 76 x 38 mm
Weight	600 g
State of delivery	with PC lead, battery and Windows™ analysis software

Accessories

Shoulder bag
> P01.2980.33