

AC CURENT CLAMP 30A / 300A / 3000A

Flexible current clamps SP 295 et SP 296 are designed to measure AC currents up to 3000A and can be connected to any device which has an AC voltage input (DMMs, Clamp multimeters,...), ideally with 3V AC input range. This type of product is particularly suitable for tight environments where it is difficult or impossible to use classical clamps, due to the size of jaws.

The high safety level (CAT IV 600V and CAT III - 1000V), allows most of the industrial applications in maintenance and failure diagnostic.

2 dimensions which fit to all your applications :

SP 295 : Length of FLEX is 254mm (diameter of loop is 100mm)

SP 296 : Length of FLEX is 548mm (diameter of loop is 160mm)



Specifications

Ranges	30 A / 300 A / 3000 A TRMS AC
Accuracy	±3 % of full scale
Bandwidth	45 Hz – 500Hz
Output voltage	100mVAC/A / 10mVAC/A / 1mVAC/A
Positioning error	from ±1% to ±3% (see manual)
Noise	< 5mV rms max

General specification

	SP 295	SP 296
Length of flexible sensor	254 mm	458 mm
Ø of flexible sensor	11 mm	11 mm
Ø of the loop	approx. 100mm	approx. 160mm
Length of cable	1,9m	1,9m
Power source	2 x 1.5V AAA / LR03	2 x 1.5V AAA / LR03
Low battery indicator	blinking LED when batteries are low	blinking LED when batteries are low
Autonomy	> 160 h, with alkaline	> 160 h, with alkaline
Operating temperature	0°C to + 50°C	0°C to + 50°C
Storage temperature	- 20°C to + 60°C	- 20°C to + 60°C
Relative humidity	80 % max (non condensing)	80 % max (non condensing)
Safety IEC 1010	CAT IV 600V and CAT III 1000 V	CAT IV 600V and CAT III 1000 V
Dimensions & weight	120 x 280x 25 mm / 170 g	130 x 350x 25 mm / 200 g
Warranty	1 year	1 year

Supplied with : batteries, a user manual.



FT SP29X A 00- Specifications can be updated without notice

For assistance and ordering

Sefram



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