

AC CURRENT 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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