



PRESS Release



Type of product : Flexible current sensors

Product name : MiniFLEX® MA110 and MA130 Series, AmpFLEX® A110 and A130 Series

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A new range of Chauvin Arnoux® flexible sensors to simplify your current measurements

For single-phase or three-phase installations in industry or the tertiary sector, the new MiniFlex® and AmpFlex® current sensors offer an exceptionally long battery life. Ergonomic, compact and lightweight, with small or large diameters, these sensors can be used to encircle any conductor, whatever its shape (busbars, etc.). Their flexibility means they can be used comfortably wherever you are.

Two ranges of flexible sensors:

The MiniFlex® MA110 and MA130 Series and AmpFlex® A110 and A130 Series are **easy to handle even when wearing safety gloves:**

-**Quick and simple opening/closing system**

-2/3 metres of cable between the sensor and the processing unit for measurements in total safety

-**IP54 casing** with 3 LEDs (green, yellow and red) to indicate, respectively, the battery status, the status of the automatic standby function and any measurement capacity overshoots.

-The **IP 67** single-phase sensors offer **4 measurement calibres** with banana output connections,

-**Operation for up to 500 hours** (depending on the model), either with batteries or with power supply

-Three-phase (**3 calibres**) or single-phase versions (**4 measurement calibres**)

-Measurements **up to 30,000 A (depending on model)**

-**Automatic standby function** which can be deactivated for **long-term measuring campaigns.**

The AmpFlex® models offer **1,000 V CAT IV electrical safety**, while the MiniFlex® models offer 600 V CAT IV / 1,000 V CAT III.



Compatibility

These **AmpFLEX®** & **MiniFLEX®** sensors can be connected directly to any multimeter; analyser, wattmeter, oscilloscope, logger, etc. The **A100** Series is ideal for applications in the energy production and transmission sectors, transport, etc. The **MA100** Series is easy to set up on residential and industrial switchboards. The **MA200** isolated current sensors can be hooked up to any type of oscilloscope. They offer high bandwidth and are particularly suitable for viewing transient signals. These flexible sensors are based on the "Rogowski coil" principle, offering excellent linearity and low phase shift, while avoiding saturation effects, so there is no overheating. Their bandwidth is suitable for industrial frequencies and harmonic analyses.

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