



## S30 - VERSASENSE AC CURRENT MONITOR USING CLAMP

### PRODUCT DESCRIPTION

The VersaSense AC Current Monitor using Clamp (**S30**) provides an easy way to measure large (mains) AC currents.

The AC current monitor is factory calibrated and ready for use. The system consists of a plug-in sensor, mechanical adapter and clamp. The compact clamp supports wires up to 10mm in diameter.

### VERSASENSE SENSORS

VersaSense Sensors are self-identifying sensors and actuators that connect to VersaSense Wireless Devices to provide plug-and-play sensing and control.

The VersaSense software automatically installs and configures all drivers, eliminating the cost and complexity of deploying an IoT network.

### APPLICATIONS

Easy, flexible and accurate monitoring of AC currents in an industrial context.

### CORE COMPONENTS

The **S30** uses a general purpose current clamp of Chauvin Arnoux® type MINI 09. The clamp includes 1.5m of cable.

[Chauvin-Arnoux Mini 09 pdf](#)

### S30 CHARACTERISTICS

Characteristic	Value	Unit
Current range	-100.100	A
Minimum absolute current	1	A
Accuracy < 15A	6	%
Accuracy > 15A	4	%
Frequency	[48-500]	Hz

Average power consumption using a 1 minute measurement interval is 60 uA.

### RELATED PRODUCTS

Item **S30** requires a VersaSense Wireless Device such as **Pxx** or **Lxx**. This item is compatible with all items in the VersaSense catalog:

[VersaSense-Catalog.pdf](#)

### INFORMATION/SUPPORT

Web: [www.versasense.com](http://www.versasense.com)

Sales: [sales@versasense.com](mailto:sales@versasense.com)

Help: [support@versasense.com](mailto:support@versasense.com)

Other: [info@versasense.com](mailto:info@versasense.com)

Post: VersaSense NV, Kapeldreef 60, 3001 Leuven, Belgium.