

MOTOR DATA

THE SOFTWARE SENSOR



Today, electric motors are the most numerous receivers in industry and tertiary installations, just behind lighting systems. Their function of converting electrical energy into mechanical energy makes them particularly important economically, so no installation or machine designer, installer or operator can ignore them.

In the context of its Labcom ANR Ionesco laboratory, Chauvin Arnoux is working with the University of Poitiers (France) to develop an analytical and diagnostic environment integrated into its power quality analysers for monitoring electric drives.

Thanks to this joint work based on a physical and statistical model, Chauvin Arnoux has developed a software sensors capable of providing all the motor's electrical parameters.

With the PEL 104, in addition to power and energy measurements based on voltage and current measurements, you can obtain comprehensive instantaneous data such as the motor's rotation speed, efficiency and torque.



Maintenance

Mechanics

Motors

