

New!

PROXIDRIVE



The decentralised variable speed drive solution

For a number of years, variable speed drives have contributed to the improvement of manufacturing processes also bringing:

- ◆ **Productivity**, by increasing flow rates,
- ◆ **Quality**, by precision in repetitive operations,
- ◆ **Flexibility**, by simplification of the changes in production.

Finally limited by the constraints associated with the installation and the equipment, the operators have looked for a solution, which would allow **decentralised** variable speed drives to be in close proximity of the motor, thus reducing costs.

To respond to this need, **LEROY-SOMER** has developed the **PROXIDRIVE**, a **completely autonomous** solution which is installed **without a control enclosure**, in the most difficult environments, the details are as follows:

- **Sealing:** IP66 protection (completely sealed against water and dust)
- **Shock resistance:** IK 08 (identical to electric motors)
- **Cleaning:** Conforming to the food industry standards for installed equipment (recommended materials, surface slopes, corners, surface tension and crevasses eliminating water retention)
- **Performance:** Speed variation with flux vector control (open and closed loop)
- **Autonomy:** The originality of **PROXIDRIVE** resides in the fact that it has all the possibilities available to control a motor shaft and without the need for a conventional control panel enclosure:
 - Integrated security disconnect without the need for a line contactor
 - PLC features
 - Brake motor contactor
 - Fieldbus connectivity (Profibus DP, Can Open, Devicenet, Interbus S)
 - EMC filter: conforming to Class A (leakage current < 2 mA)
 - Lockable disconnect
- **Simplicity:** **XPressKey** is a memory key allowing the transfer of setup programs from one drive to another, by a simple press of a button.

PROXIDRIVE is the only true variable speed solution capable of decentralisation.