

## New feedback series 2 of linear and angular encoders redesigned to fit all applications

**Fagor Automation** has redesigned the current families of **linear and angular encoders** and widens its catalog with **new models**.

The high end linear and angular encoders are known in the market for their **robustness and reliability**, and manufacturers of machine-tool and other equipments rely on them for positioning linear and angular axes with **high accuracy and resolution**. Also, the **wide connectivity** offer with CNC systems – one of the most complete in the market- through analog and digital interfaces has contributed to the penetration in the market.

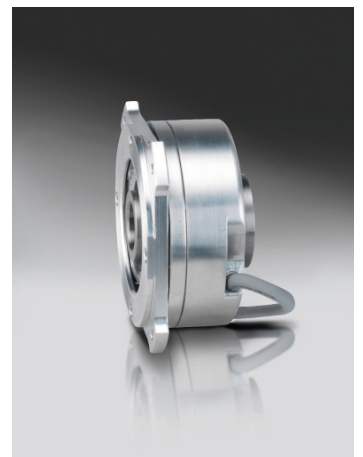
The following characteristics stand out in the new designs:

- **Linear encoder families:** the end caps have been improved, the dimensions have been reduced where possible (vibration support SV2, new G2 reader head) and the reader head can be threaded as an option, which makes unnecessary the use of nuts for mounting the reader head independently of the mounting option chosen.

- **Angular encoder families:** the body has been redesigned and also the o-ring sealing with a new double lip design. This eases the drain of liquids and minimises the accumulation while larger mounting tolerances are allowed. This results in an enhanced robustness and protection for working under hostile environments.



Furthermore, the offer from a mechanical point of view will be widened along this year: i) angular encoder of external diameter 200 mm and hollow shaft of 100 mm; ii) angular encoder with stator coupling and external diameter of 87 mm.



Finally, it is worth noting the **full mechanical and electrical compatibility** of the new families **with their predecessors**, so one model can be directly replaced with the new one.

