

CEDRAT TECHNOLOGIES has an extensive experience in aerospace & defense business and in piezo technologies. For some projects, CEDRAT TECHNOLOGIES has upgraded Commercially Of The Shelves – COTS motors or actuators, by changing several parts and realizing acceptance tests.

## OBJECTIVE

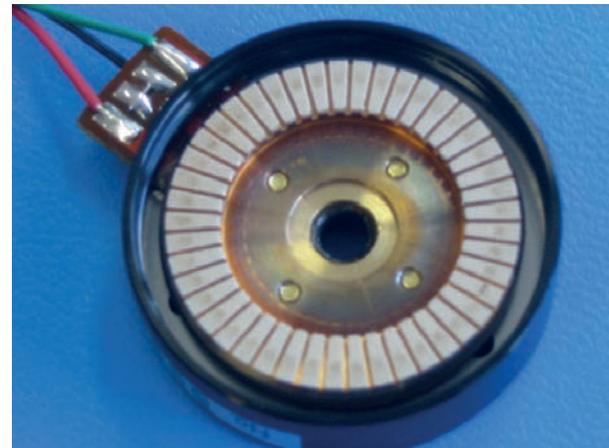
- Upgrade of piezo motors according to aerospace & defense standards
- Acceptance tests campaign under quality standards



## UPGRADE OF PIEZO MOTOR

Typical upgrades includes for instance:

- The change of the lubrication (for instance a vacuum compatible oil)
- The change of some parts to get a fully non-magnetic motor.



## ACCEPTANCE TESTS

The set of acceptance tests is decided with the customer and may include:

- Load characteristics curve
- Electrical Impedance characteristics curve
- Thermal burn-in cycling
- Lifetime tests

