



**INGENIA**  
passion for motion

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[www.ingeniamc.com](http://www.ingeniamc.com)

## HOW DEEP DO YOU WANT TO GO?

From ROV thruster control to integrated controllers for thruster manufacturers. No matter the volume or required specifications, our engineering team will help you find the most cost-effective solution for your application.

- ✓ Remotely Operated Vehicles
- ✓ Subsea Actuators
- ✓ Submersible Vehicles
- ✓ Sensorless Control
- ✓ Thruster Integrated Drivers
- ✓ Integrated Feedback

### 8-80 kHz

#### CUSTOMIZED PWM FREQUENCY

Most applications in the subsea field incorporate numerous sensors that work in different ranges of frequencies. To minimize interferences, our servo drives are adjusted to match your needs.

### 6000 m

#### PRESSURE TOLERANT

We have deep experience on pressure tolerant electronics for ROV and Submersible vehicles. Our engineers select tested and reliable components to match your application requirements.

### 10 - 600

#### DC AND AC BUS VOLTAGES

Power your servo drive from any type of supply and drive motors from 0.1 to 18 kW. With Ingenia high power density servo drives, you will be able to find a solution for any application.



#### HIGH POWER EFFICIENCY

With our experience in power electronics you will benefit from an outstanding power efficiency of up to 99%, reducing heat generation, mechanical parts and increasing reliability.



#### ELECTRONICS TROPICALIZATION

We protect the electronics from the surrounding atmospheric conditions such as humidity, heat, cold and other factors by making use of high-tech coatings for harsh environments.



#### SENSORLESS CONTROL

When reliability is a must, making use of optic, magnetic or mechanical encoders can be an issue due to interferences and deterioration. With Ingenia sensorless control, we have you covered.





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