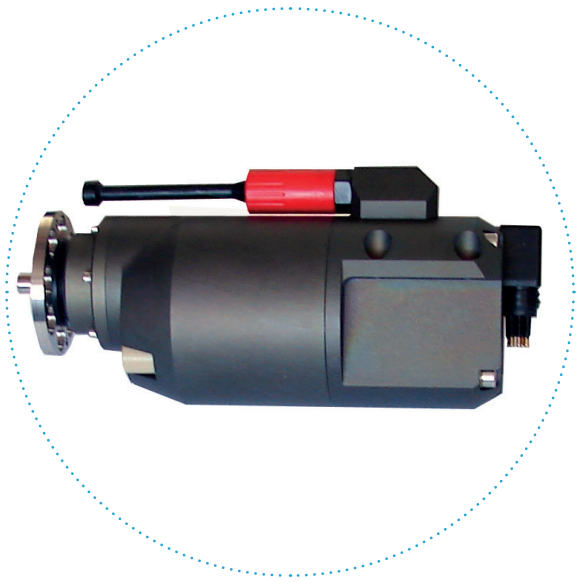


DATA SHEET

TMI-Orion Dynamics

Electrical Rotary & Linear Actuator



Underwater Electrical Rotary & Linear Actuator

The Electrical Rotary & Linear Actuator (ERLA) is a high-performance, compact and reliable actuator designed for underwater operation down to a depth of 600 meters. The ERLA offers intuitive programmable position controls and embedded controllers. This actuator is also equipped with an additional connector to chain with other actuators or to add modules (camera, projector...). It is adapted to numerous operations and can be mounted on various systems.

Applications include:

- Manipulator component
- Underwater motion system (camera, projector, pan and tilt, sonar, thruster...)
- Ballast correction system
- Sampling system
- ROV locking system
- Subaquatic tooling / ROV equipment
- For scientific community - Environment - Energy – Aquaculture - Defense...

SPECIAL FEATURES

- Ideal for applications with large thrusts where precision and motion control are needed.
- Position feedback in velocity and position mode
- 1 connector available for add-on capacity (additional actuator, camera, LED spot...)
- With embedded electronic controller (no external POD required)

Dimensions (in millimeters)



(mm)

T0/DS/OIS/212100.ed9