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Press Release

New pressure compensated actuators for subsea applications.

A new product to complement maxon's existing range of subsea thrusters is the pressure compensated actuators that can reach depths of up to 6,000m.

The specialised Aquatic Solutions Group within maxon recently launched a range of pressure compensated actuators to operate in depths to 6,000m. These are found in Autonomous Underwater Vehicles (AUVs) and Remote Operated Vehicles (ROVs). maxon has a long history supplying DC motors, gear-boxes and encoder solutions for applications made to operate within hostile environments, such as salt water, underground mining environments, in ROVs, gimbals/ drones flying at high altitudes in the air or in Satellites in outer space. These environments present many challenges such as shock and vibration, high and low temperatures and vacuum environments. maxon has worked with many different customers and invested in R&D to meet the requirements of these challenging conditions, producing thruster and actuators that are highly efficient and reliable. Many industries are moving away from hydraulic actuation towards electro-mechanical actuation. maxon offers both rotary and linear actuation solutions for the subsea sector. Rotary actuators could be DC motor only for high speed and low torque applications or motor gear-box combinations for lower speed and higher torque applications. Using maxon's screw drive products there is also the option to use linear actuators to suit a variety of speed and load applications such as propulsion, manipulators, grippers and fin actuation.

For more information please contact maxon motor Australia tel. +61 2 9457 7477.

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The press release is available on the internet at: www.maxongroup.net.au



maxon's subsea thruster and DC motor gearbox combination © maxon Group



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The Swiss specialist for quality drives

maxon is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.