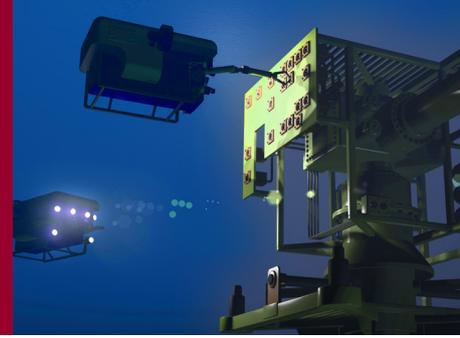


MOOG PRESSURE TOLERANT ELECTRONICS



INDUSTRY-LEADING PRESSURE TOLERANT MULTIPLEXERS, MEDIA CONVERTERS, AND FIBER OPTIC TRANSCEIVERS.

Moog has been providing pressure tolerant electronics, fiber optic transceivers and optical multiplexers since 2007, with hundreds of systems installed in the field. Standard depth rating to 4000m, with optional 6000 m or deeper. Every product shipped undergoes a pressure test including cycling and a soak at maximum pressure.

FEATURES

- Standard rating to 4000 m, optional for 6000 m or deeper.
- SFP optical transceivers up to 10 Gbps data rate.
- CWDM and BIDI SFP optical transceivers.
- Electronics and optical multiplexers available.
- Fully qualified for pressure and fluid compatibility.
- Each production unit screened with rapid pressure cycles and long term soak.

Applications

- Remotely Operated Vehicle (ROV).
- Subsea Controls (BOP, Drilling, Processing).
- Autonomous Underwater Vehicles (AUV)

Built to Withstand Extreme Subsea Pressure

Moog offers standard pressure tolerant electronics, optical couplers and fiber optic transceivers (SFPs) for demanding subsea applications. These devices can withstand the extreme ocean depths when installed in a pressure balanced, oil filled (PBOF) enclosure with a standard depth rating up to 4000 m, with optional 6000 m. Using PBOF technologies can increase available space for connectors and reduce or eliminate costs of large one-atmosphere housings.

Proven Reliability with Established Field Performance

Moog has been providing pressure tolerant products since 2007 with thousands of components in the field. Pressure tolerant solutions exist for HD video, Gigabit Ethernet, analog video, serial data, optical couplers (WDM, CWDM, splitter) and fiber optic transceivers (SFP up to 10 Gbps, CWDM and bidirectional versions).

Wide Range of High-Speed Optical and Data Solutions

Rigorous design testing is conducted on all new products to ensure optical and electrical performance at rated pressure and during rapid pressure cycling. Qualification and design tests are redone with any significant changes in the build process or component structures.

Thorough Testing and Fluid Compatibility Assurance

Pressure tolerant products need to be enclosed in a subsea junction box or enclosure filled with oil. Moog has tested compatibility with many typical oils used in the marine industry and continues to validate additional fluids as new applications emerge.



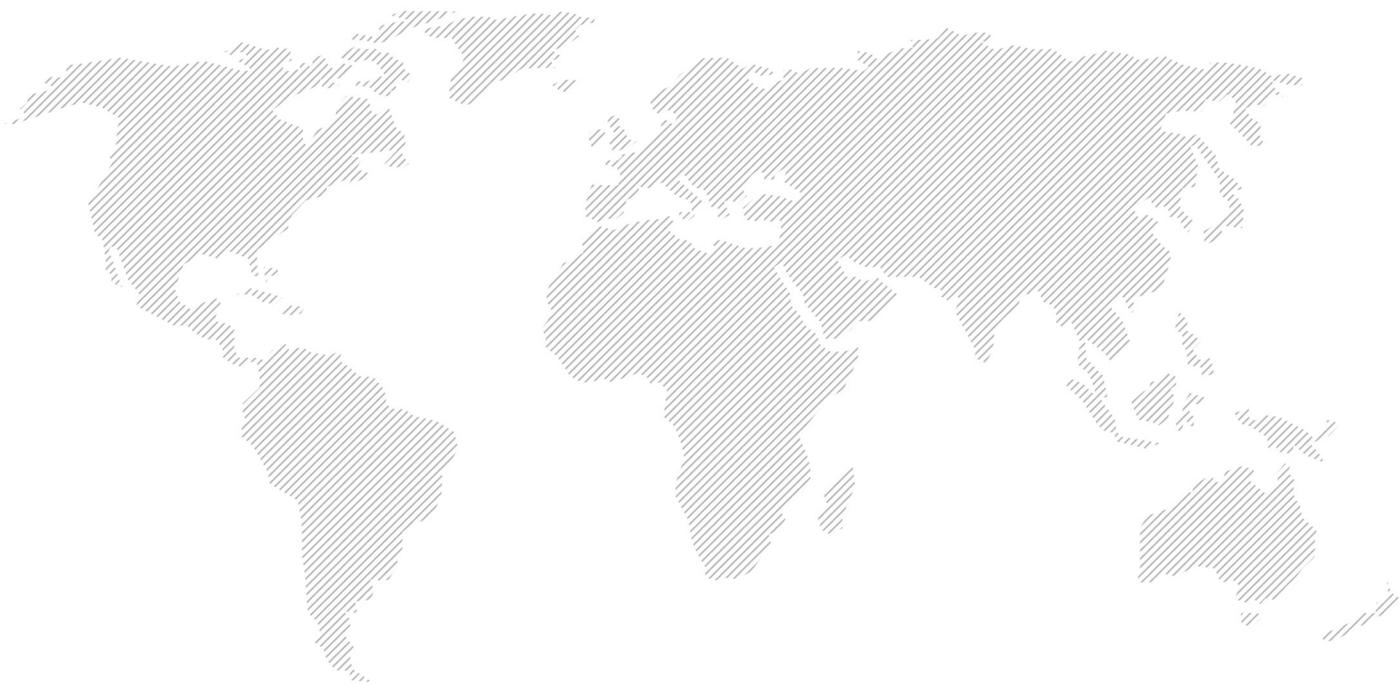
Pressure Test Station

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Shaping the way our world moves.™

