



SHALLOW WATER

10K Micro-PSI intelligent in-line pipeline inspection interconnect

FOR 5–10K PSI APPLICATIONS

Miniature, High-Density Interconnects for Pipeline Inspection, Towed Array, and other Shallow Sea Applications

Developed for petroleum pipeline inspection equipment, sensors, high-speed data storage, Ethernet plus power applications, towed arrays, and other medium- to high-pressure subsea applications, Glenair's family of high-performance, precision-machined subsea and pipeline inspection connectors have decades of proven performance. Our Series 802 AquaMouse connectors are available in ten sizes from 1 to 130 contacts and equipped with Viton® O-rings to withstand exposure to corrosive chemicals and high temperature environments. Our Micro-PSI solution is purpose-designed for use in magnetic flux leakage and ultrasonic inspection equipment and is the smallest form-factor 10K PSI connector available on the market today. Series 22 Geo-Marine® connectors have been used for decades in towed-array applications and are rated to 5K PSI (mated condition).

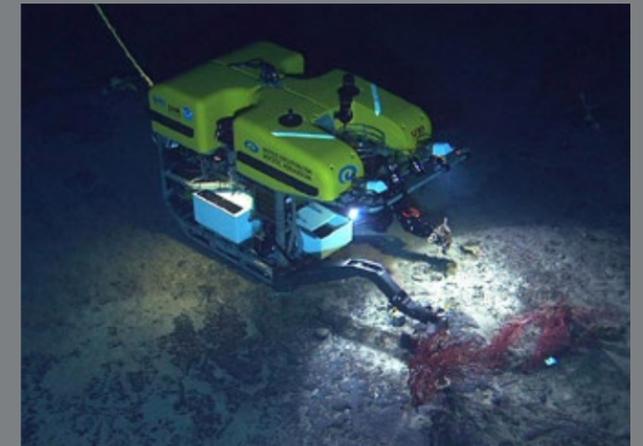
MARKET REQUIREMENTS

- Resistance to caustic chemicals
- Pressure resistance from 5K – 10K PSI
- Rugged / non-corrosive
- Overmolded cables
- Temperature tolerance up to 200°C
- Piston O-ring / glass insert sealing
- Small package size / high density
- Replaceable O-rings and seals
- Non-galling bronze coupling nuts
- Keys and keyways for polarization
- Support for high-speed data protocols, RF, and power

PROVEN PERFORMANCE IN SHALLOW WATER AND PIG APPLICATIONS



Power and data interconnects for towed-array streamers



High-pressure interconnections for cameras and lights



Environmentally-sealed overmolded connectors and cables for Intelligent In-Line Inspection (PIG) applications



Bulkhead penetrators and feed-thrus for research submarines

PIPELINE INSPECTION AND SHALLOW WATER SUBSEA CONNECTORS



Micro PSI microminiature high-pressure connectors and cables

AquaMouse™ 3500 PSI miniature connectors and overmolded cables

Geo-Marine® 5000 PSI connectors and overmolded cables