M5 ROV Flyable Full Bore Connector
3 in -15K Oceaneering® Grayloc® metal seal

FEATURES

- Grayloc® metal-to-metal seal for reliable sealing
- Internal latch mechanism
- Compact and cost-effective solution
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The 3 in M5 Connector is a compact, cost-effective solution to make your subsea assets intervention ready. This ROV flyable, full bore connector features the Oceaneering® Grayloc® metal-to-metal sealing system and the same proven latch mechanism from the M-series hydraulic junction plate used in thousands of subsea hydraulic connections.

The M5 connector is suited for mono-bore service line applications such as gas lift or chemical injection, well stimulation, hydrate remediation, flooding and venting operations, acid injection and scale squeeze. It can be installed in either vertical or horizontal orientations.

M5 Jumper Solutions:
» Thermoplastic hose
» Flexible flowline
» Composite pipe
» Bundled steel tube umbilical

Ancillary Tools and Equipment:
» Marine growth covers
» Fluid retaining caps
» Intervention panels
» Seal servicing tools

Removable Connector
Grayloc® Metal Seal
Fixed Hub
Pre-Engaged Threads
M-Series Latch
**Engineered Features:**
- Flush mount receptacle for snag-free panels
- Pre-engaged internal threads
- Integrated back-seal test port on the removable section of the connector
- Subsea removable seal enables seal replacement in-situ, eliminating the operational expense of bringing the jumper to the surface

**API Class EE trim for sour service:**
- Class HH trim for extreme service
- 3D elbows for pigging through the connector
- Variety of end connections to suit project requirements

**Ancillary Tools and Equipment**
A seal maintenance panel enables the replacement of the Grayloc® seal subsea. This saves the time and cost associated with bringing the jumper to the surface to replace the seal.

**Pressure Retaining Intervention Panel**

**Fluid Retaining Cap**

**Marine Growth**

**Cover Technical Data**
- 0 to 12,500 fsw / 0 to 3,810 msw
- 15,000 psi / 10.3 MPa maximum working pressure
- -50 to 300°F / -23 to 150°C service temperature
- EE trim materials, HH trim as an option
- 30-year service life
- 25 make and break cycles
- Class IV torque bucket interface