



FEATURES

Extremely resilient and robust

Flexible and scaleable

Well proven design

3 Stab Multifunctional Subsea Connector

This is a connector for easy and reliable connection / disconnection of ROV Tools and Subsea Equipment where hydraulic energy, electrical power and communication are required or desired.

3 Stab Multifunctional Subsea Connector

Based on the qualified and well proven API17D/ISO13628 Hydraulic Hot Stab design, Oceaneering - Subsea All Electric has developed a multifunctional Subsea Connector 3 Stab for easy and reliable connection of ROV Tools and Subsea Equipment where hydraulic energy, electrical power and communication are required.

The system is designed without any electrical contact surfaces and utilizes a patented inductive technology for transferring both electrical power and communication with an efficiency significantly better than obtainable by conventional inductive technology. Hence the system and design is perfect for ROV operations due to extreme resilience and guidance offered by the Hot Stab design.

The 3 Stab is expected to revolutionize both design and planning of ROV tools, equipment and operations due to the flexibility offered and the possibility of subsea change-out of complex hydraulic / electrical tools. This is especially beneficial as the oil industry goes deeper and the complexity of ROV tools are increasing. No need to pull the ROV to deck to do a tooling change-out.

Features

- » Design based on well proven and qualified Hot Stab design
- » ROV friendly and easy to connect / disconnect
- » Extremely resilient and robust
- » Both Electrical power, Hydraulic and communication connected in one operation
- » Available for both permanent or temporary applications
- » All Oceaneering - Subsea All Electric Hot Stab features available
(Integrated check valves, special developed seal system, available up to four hydraulic ports etc.)

Applications

The 3 Stab can be used for connecting all types of hydraulic and electrical tooling which requires hydraulic and/ or electrical power and communication, typically:

- » ROV Torque Tools
- » Connection Tools
- » Sensors
- » Skids
- » Remote Operated Controller Units
- » Analog video
- » Ethernet 10Mbit

Technical data:

Triple Hydraulic Port Design	
Max Hydraulic Pressure:	300 bar
Hydraulic Connection:	1/2" BSP
Input Voltage:	110 VAC 50-60Hz
Output Voltage:	24 VDC
Max Electrical Power:	7 Amp @ 24 VDC
Communication:	120 kbs full duplex (RS232 or RS485 half duplex)
Dept Rating:	3000 m



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