

# SUBSEA & OFFSHORE SERVICE MAGAZINE

Offshore Europe  
Snow Review

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NEWS & PRESS RELEASES  
PRODUCTS & SERVICES  
EXHIBITIONS



CROMARTY FIRTH PORT AUTHORITY



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## SEA CON®'s API CONNECTOR SERIES

Based on the highly successful Metal Shell Series connector range, SEA CON's API connectors comply with American Petroleum Institute specifications 16D (Control Systems for Drilling Well Control Equipment and Control Systems for Diverter Equipment) and 17E (specification for Subsea Umbilicals). Manufactured from 316 stainless steel with glass filled epoxy inserts and copper alloy gold plated contacts, this connector range has a voltage rating of 600 VDC and a pressure rating of 10,000 psi (approx. 22,500ft/7,000m).

### KEY FEATURES:

- Bulkhead connectors are designed to be compliant with appropriate section of API 16D specifications.
- Cabled connectors and assemblies are designed to be compliant with appropriate section of API 16D and API 17E specifications.
- Redundant sealing at all pressure barrier interfaces.
- Multiple test ports for in-the-field o-ring testing and verification.
- Boot sealing in cabled connectors and assemblies in event of flooded cable conditions.
- Electrical, optical and hybrid connectors configurable in 8 shell sizes.
- Factory Acceptance Testing (FAT) includes both mated and open-face pressure testing.
- Custom interfaces available.
- Flanged Connector [bulkhead] Receptacle connectors have inboard water-blocking boots over the electrical termination to eliminate risk of failure in a flooded housing scenario.
- Pressure Balanced Oil Filled (PBOF) cables operate fully in the event of breached hose/ water ingress with full-pressure water-blocking on the solder cup side of the connectors.
- Oil-filled cable connectors options available without valves eliminate a direct path for water to reach the face of the bulkhead connector in case of hose flooding.

### MATERIALS & RATINGS:

- 316 Stainless Steel with GRE inserts and copper-alloy, gold-plated contacts. Alternate materials including Titanium shells and Glass to Metal inserts are also available.
- Voltage rating of 600 VDC.
- Pressure rating of up to 10,000 psi (approx. 22,500ft / 7,000m).
- Applications include Blow Out Prevention Systems, Riser Monitoring Systems, Drilling Control Systems and Wellhead and Christmas Tree Equipment.

For more information please call:  
+44 (0)1493 652733

Visit our Website:  
[www.seaconworldwide.com](http://www.seaconworldwide.com)

Or E-mail:  
[sales@seaconeurope.com](mailto:sales@seaconeurope.com)



American Petroleum Institute (API) Compliant Connector Series

# SEA CON<sup>®</sup>

UNDERWATER ELECTRICAL AND FIBER OPTIC CONNECTORS

## WITH 45 YEARS IN PROVIDING UNDERWATER CONNECTIVITY SOLUTIONS, SEA CON<sup>®</sup> LEADS THE WAY IN CONNECTOR TECHNOLOGY



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OPTICAL HYBRID DRY-MATE



ELECTRICAL WET-MATE



ELECTRICAL UNDERWATER MATEABLE



UNDERWATER SWITCHES



ELECTRICAL / OPTICAL PENETRATORS



OPTICAL UNDERWATER MATEABLE

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