

PRODUCT DATASHEET

SEA CON® PRODUCTS FOR RENEWABLE ENERGY APPLICATIONS

HYDRALIGHT, ROV, OPTICAL UNDERWATER MATEABLE

- Pressure: Up to 10,000 psi
- 8-Channels
- Field proven, connectors installed subsea
- Extensively qualified
- Long-term applications
- Qualified to 23,000 feet (7,000m)
- Materials: Titanium



CM2000, ELECTRICAL UNDERWATER MATEABLE

- Pressure: Up to 10,000 psi
- Contacts: Up to 12
- Voltage: Up to 3.3kVAC
- Current: Up to 100 amps
- Materials: Titanium, 17-4 PH, Nitronic® 50, Others available upon request



SEA-MATE, UNDERWATER ELECTRICAL WET-MATE

- Pressure: Up to 7,500 psi
- Contacts: Up to 37
- Voltage: 600 VDC
- Current: 10 amps
- Materials: 316L Stainless Steel, Glass Reinforced Epoxy, Neoprene rubber, Copper Alloy
- Cable termination additional, PBOF available



OPTI-CON, OPTICAL HYBRID DRY-MATE

- Pressure: Up to 7,500 psi
- Contacts: Up to 20
- Voltage: Up to 600 VDC
- Current: 4 amps
- Materials: 316L Stainless Steel
- Oil filled or over molded to any type of cable



WET-CON, ELECTRICAL WET-MATE

- Pressure: Up to 20,000 psi
- Contacts: Up to 16
- Voltage: Up to 600 VDC (with standard cable)
- Current: Up to 19 amps
- Materials: Copper Alloy, Neoprene rubber, Delrin® (Dupont trademark for Acetal Resin), SO cable as standard



PENETRATORS, ELECTRICAL AND OPTICAL

- Single to multi-way
- Qualified to 10,000 psi (690 bar)
- Full differential pressure rated
- Modular design



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RENEWABLE ENERGY MARKET

With a world-wide focus on climate change and the need for new alternatives for the generation of power many new generating technologies are being developed. **SEA CON®** is embracing the Renewable Energy market and working with clients in many market sectors including Wave, Tidal and Hydro power. **SEA CON®** has been able to combine not only its strength in new product research and development, but also its vast experience in the supply of harsh environment connectors and systems. These strengths have enabled **SEA CON®** to provide electrical and optical solutions to this market due to the wide range of products and services already offered by the **SEA CON®** Group including:-

- Underwater mateable fiber optic and electrical connectors
- Underwater fiber optic and electrical connectors
- Cable terminations and splice boxes
- Field installation
- On-site support



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In addition, **SEA CON®** is heavily investing in the development of new products specifically designed for this market.

The Wave and Tidal generation sectors have, in most circumstances, very different requirements in terms of electrical and fiber optic connections. For Wave applications these are generally for dry-mateable / manual make-up connectors whereas Tidal normally utilizes wet-mateable / ROV or stab-plate make-up. **SEA CON®** is able to supply many of these requirements from its range of standard products.

For more information please contact;

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