SeaConnect™
DW (Deep Water) - 4/7/12 Diver-Mate Connectors

RMSpumptools field proven SeaConnect™ electrical connectors provide a wet-mate connection for all subsea monitoring and control requirements including Subsea Trees, production control systems and distribution units. The product utilises RMSpumptools highly reliable proven connection technology. Jumper harnesses, splitter boxes, transducers are offered as part of the configurable system.

**Specifications**
- Current Capacity: 20 amps per contact
- Operating Temperature: 0°C to 60°C
- Working Depth: 4,000 metres
- Voltage: 1 kV AC
- Design Life: 25 years

**Materials**
- Housing: 316 Stainless Steel or Super Duplex
- Insulation: PEEK
- Elastomers: Silicone, HNBR, Nitrile
- Electrical Contacts: Gold Plated Copper

**Terminal Options**
- Oil-filled Hose
- 1/2”NB oil filled hose termination.
- Pressure compensation hose.
- Simpler and less expensive than cable terminations.

**Qualification Testing**
- Contact & Insulation Resistance
- Proof Voltage
- 1000 Mate/De-Mate Cycles
- Functional Mate / de-mate
- Turbid Tank Partial Mate
- Pressure Burst
- Flooded Devices
- Flooded Front End
- Endurance
- Thermal Cycles
- Shell Continuity
- Voltage Withstand
- Shock (Drop Test)
- Thermal Shock & Vibration
- Temperature Rise
- Connect / disconnect force testing
- Short Circuit
- High Voltage Breakdown
- Flooded Back End
- Flooded Back End Long term
- Partial Discharge Testing
- Bulk Head test
- Compliant Flange Test
- Helium Leak
- Twisting
- Jumper Pull
- Jumper Handling Simulation
- Oscillating Jumper
- Simulated Deployment

**Key Performance Features**
- Patented Latching Device.
- Flexibly Mounted ROV Handle.
- Seawater Protected Contacts on both Male & Female.
- No Dummy Connectors required for protection when unmated in Subsea Environments.
- Oil Filled Pressure Balanced Design.

performance with reliability
SeaConnect™
DW (Deep Water) - 4/7/ Way Diver-Mate Connectors
SeaConnect™
DW (Deep Water) - 12 Way Diver-Mate Connector

performance with reliability