

SeaConnect™

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

RMSpumptoools 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 RMSpumptoools 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:	-5°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

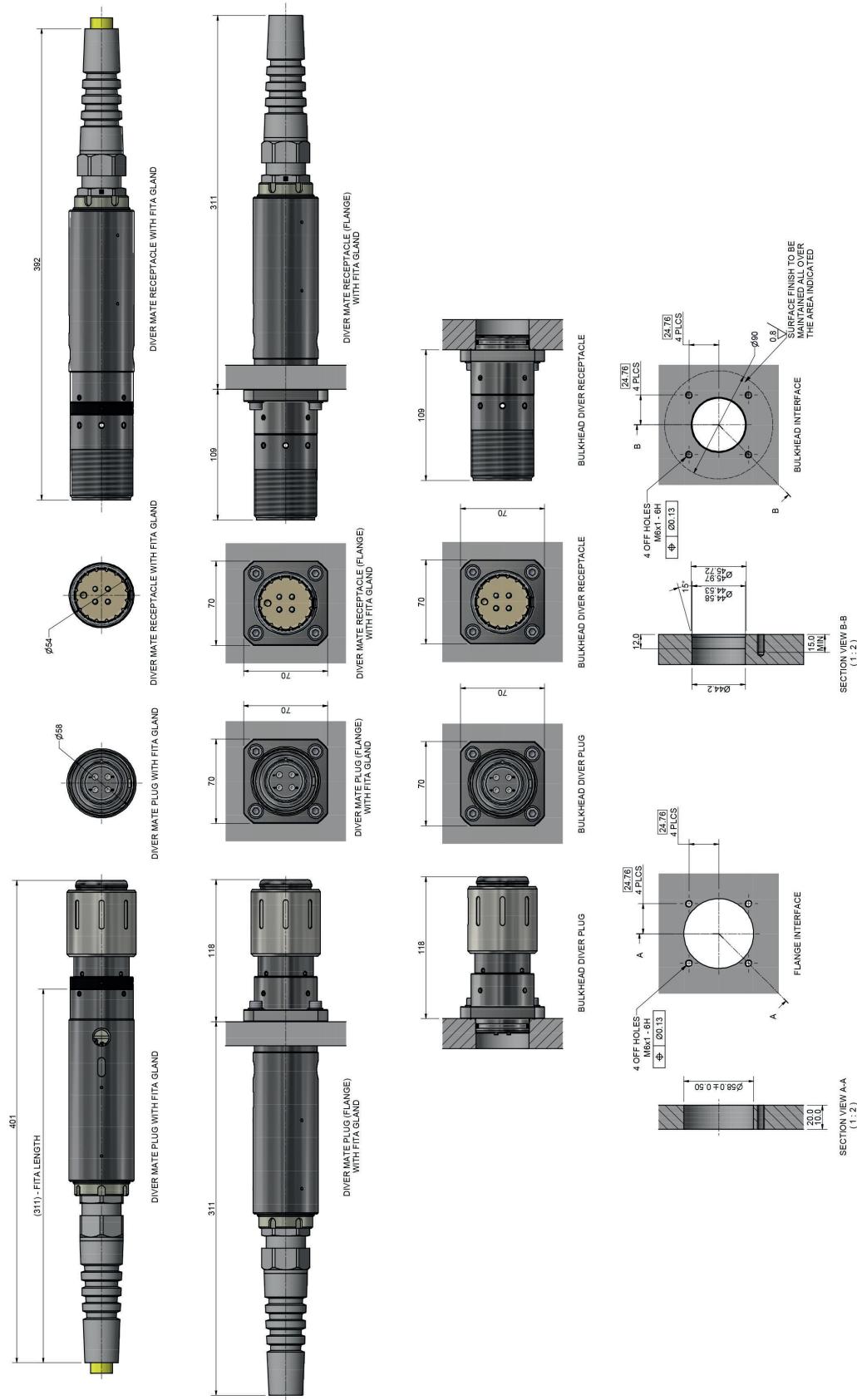
Key Performance Features

- 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.



SeaConnect™

DW (Deep Water) - 4/7/ Way Diver-Mate Connectors



SeaConnect™

DW (Deep Water) - 12 Way Diver-Mate Connector

