

Industry Applications.



Bulgin is widely recognised as a leading manufacturer of environmentally sealed connectors & components.

With over 95 years of experience in the industry, Bulgin continues to innovate & develop products and services to cater for its global customer base across a variety of markets.

Oil & Gas.

With demand for the world's natural resources increasing, so too are the challenges facing the Oil and Gas industry. Harsh conditions such as pressure, extreme temperatures, vibrations, and shock explosions are some of the most common factors impacting this sector. Bulgin has a variety of solutions to deal with such challenging environments.

For instance, our Atex Zone 2 and IP rated connectors are perfectly suited to withstand the challenges of explosive and hazardous environments which constantly affect topside systems. We also have the knowledge and in-house expertise to provide you with bespoke custom solutions for the most challenging of subsea applications – typified by our deep sea ROV tether connector.



Topside.

With demand for the world's natural resources increasing, so too are the challenges facing the Oil and Gas industry. Harsh conditions such as pressure, extreme temperatures, vibrations and shock explosions are some of the common impediments impacting this sector. In an industry with such high-stakes whereby downtime or accidents can have the most catastrophic of consequences, high performance and extremely reliable solutions are fundamental to prevent this from occurring in both topside and subsea applications.

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- ⬡ Pump Motors
- ⬡ Pipe Inspection System
- ⬡ Industrial Sand Blasters
- ⬡ Security Video Monitoring
- ⬡ Oil Rig Surveillance Control



Products Related To This Industry:

Piezo Switches

Switches



- Dust, dirt, chemicals & water resistant
- Sealed to IP68 & IP69K
- 16, 19 or 22mm diameter
- Millions of cycles/actuations
- Illuminated & non-illuminated options

Vandal Resistant

Switches



- High corrosion resistance
- Domed, low & prominent profiles
- IP66 & IP68 sealing versions
- Illuminated & non-illuminated
- Front & rear panel mount versions

EXPlora Series

Circular Power Connectors



- Ratings up to 12A, 277V ac/dc
- 2, 3, 4, 6, 7, 9, 12 & 25 contacts
- IP67 & IP68 protection
- Plug & receptacle connectors
- CCC, UL, CSA & VDE approvals

6000 Series

Circular Power Connectors



- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating / release
- cULus, UL, VDE Approvals

Subsea.

1. The Challenge

In environments where connectors and cables are exposed to high pressures and submerged in water for extended periods, secure and waterproof electrical connections are vital for ensuring that installations can be easily assembled, modified and maintained.

As pioneers in environmentally sealed connectors, Bulgin was approached by the largest manufacturer of subsea ROVs to develop a connector which combined quick and convenient connectivity with long-term corrosion-resistance.

2. The Solution

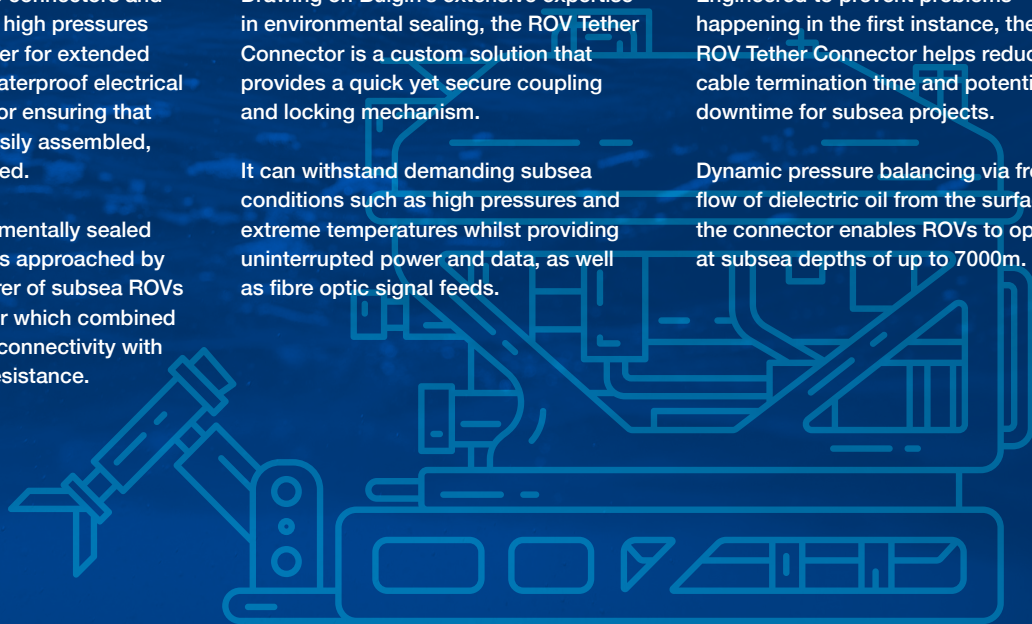
Drawing on Bulgin's extensive expertise in environmental sealing, the ROV Tether Connector is a custom solution that provides a quick yet secure coupling and locking mechanism.

It can withstand demanding subsea conditions such as high pressures and extreme temperatures whilst providing uninterrupted power and data, as well as fibre optic signal feeds.

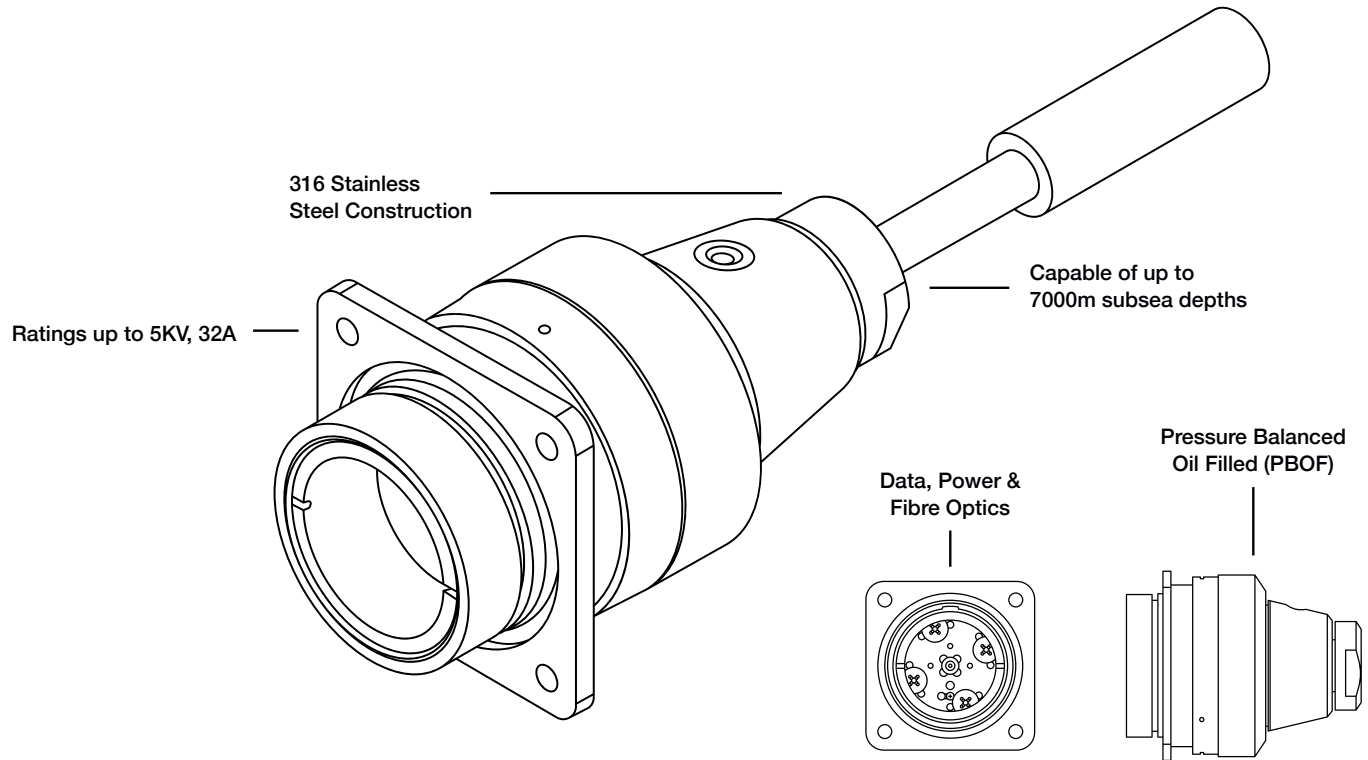
3. The Result

Engineered to prevent problems happening in the first instance, the ROV Tether Connector helps reduce cable termination time and potential downtime for subsea projects.

Dynamic pressure balancing via free flow of dielectric oil from the surface to the connector enables ROVs to operate at subsea depths of up to 7000m.



ROV Tether Connector Specifications:



Bulgin has you covered.

**Our components are available through a
large network of National and International
Distributors Worldwide.**

**Search for stock at:
www.bulgin.com/products/stock**



www.bulgin.com

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