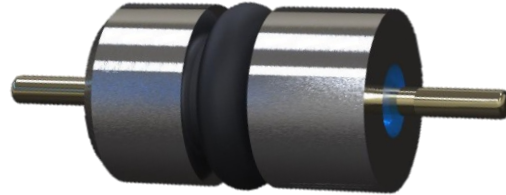


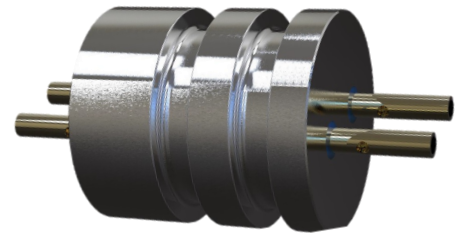


Hermetic Electrical Feedthroughs and Connectors



Developed to withstand prolonged exposure to aggressive media such as oil, mud, chemicals and salt water. The products are qualified to perform reliably from **-55° C** to **+300° C** and at pressures up to **40,000 psi**, making them an ideal solution for space, subsea, and downhole environments.

The products are easily installed into wellheads, manifolds, pipes, pressure vessels, and in ROVs and UUVs. These high performance penetrators, feedthroughs, and connectors are available in single and multi-pin configurations. OFFP's experienced and agile design team offers bespoke solutions to customer demands.



Optical Fiber Packaging Ltd.

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Holland Road Industrial Estate
Haverhill
Suffolk
England CB9 8PR UK

Phone: +44 (0) 1440-766636
E-mail: sales@ofpgco.com

Applications

- Oil-and-Gas Industry
- Sub-Sea Exploration
- Submarine Telecom
- Com and Mil Aerospace
- Defence and Sensing
- Energy Applications
- Industrial Applications

Features

- Resistant to extreme pressures
- Wide operating temperatures
- Suitable for harsh environment
- Custom or industry standard designs
- Value added cabling, boots, O-rings, and custom packaging
- Hybrid electro-optical assemblies

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Hermetic Electrical Feedthroughs and Connectors



Properties

Dimensions

Housing Materials

Sealing Materials

Contact Materials

Pin Count

Metal Finish

Maximum Pressure

Operating Temperature

Insulation Resistance

Dielectric Withstand

Leak Rates

Design Lifetime

Environment

Connectorisation

Specifications

As required, any form factor

Stainless steel (316L, 304L), Inconel (718, 625)

Soda lime and Borosilicate glasses

Alloy 52, Copper-cored Alloy52, Kovar, Inconel (718, 625, 600)

1 - 200+

Electropolished or Ni/Au plated

Up to 40,000 psi

-55° C, +350° C

10 G Ω at 500 V DC

Up to 2,000 V DC

Down to 10^{-9} cc/sec He at 1 atm

25 years

Oil, gas, mud, salt water, etc.

Mil-std (38999, 26482, etc.) or custom



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