

- **Electro Optical Slip Ring for Winches, ROV and other Marine applications**

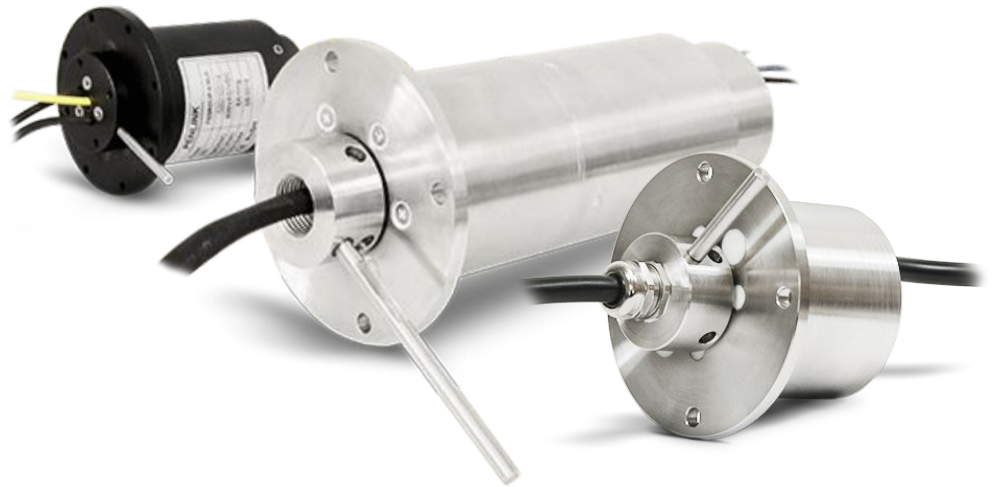
Our Offshore Slip Rings are designed to work in extreme harsh environment. The slip ring are in use in both Top side and Submerged operation, and in a wide range of application as ROV, Oceanographic, Seismic, Research vessels and other marine industries. The slip rings are configurable in a wide range of circuits and optical configurations, depending on your applications requirements.

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PENLINK OFFSHORE WINCHES

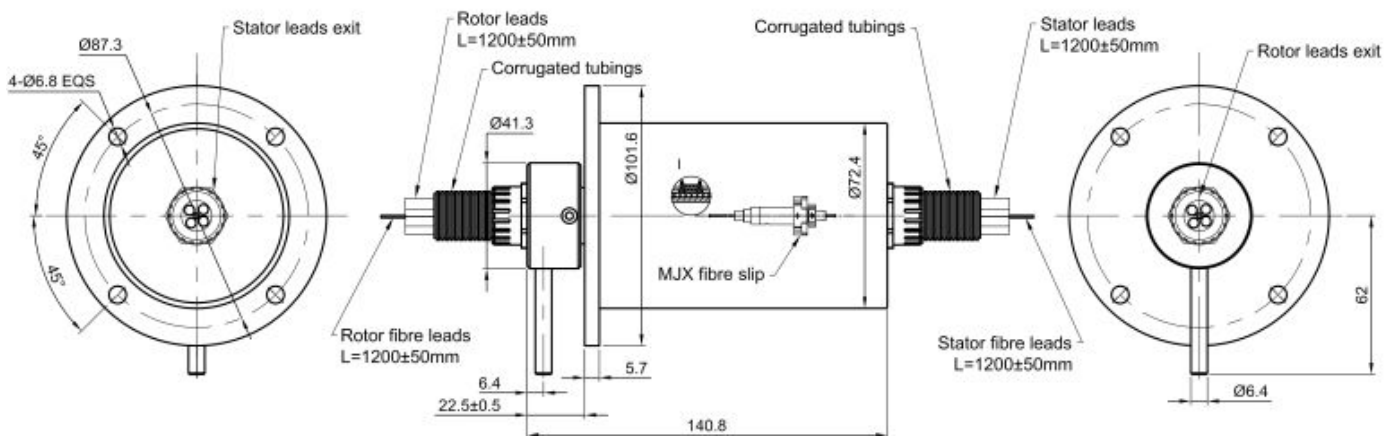
Compact Offshore Slip Rings



Ø72-78MM OFFSHORE SLIP RING

The smaller offshore slip ring has an dimension of Ø72 to Ø78 mm. These slip ring are ideal for smaller ROV, fishing vessel and marine research surveys.

The housing of the slip ring can be made of aluminum, SS304 or SS316L. All of the slip rings come with protection IP66, circuits that handles up to 10A/1500V and have a single channel fiber joint. They can also be integrated with encoder/heater.



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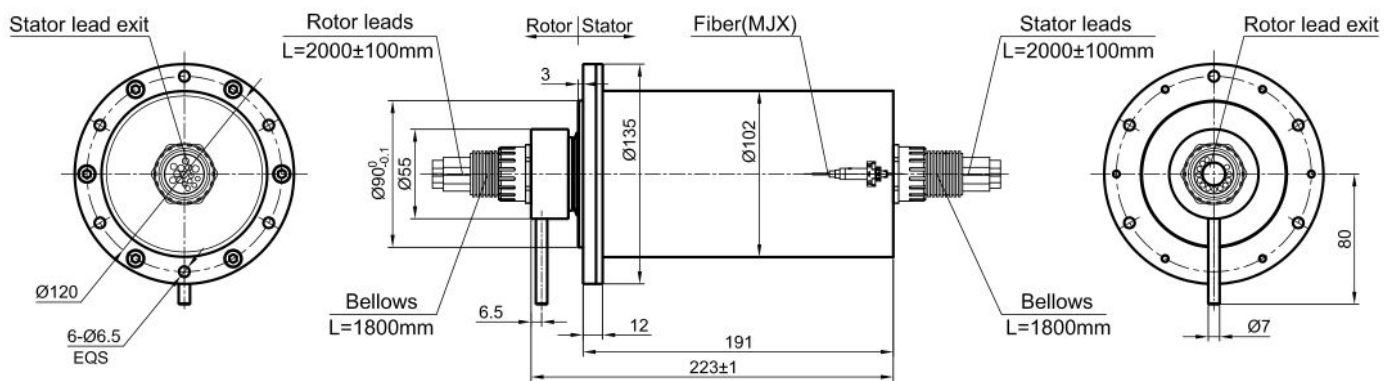
Mid-size Offshore Slip Ring



Ø102MM OFFSHORE SLIP RING

The compromise for a Survey winch is a smaller ROV as Observer class or aquaculture operations.

The house of the slip rings can be made with aluminum, SS304 or SS316L. All of the slip rings come with IP66. The circuits that handles up to 20A and can have 1-4 channel fiber joint.



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Full-sized Offshore Slip Ring

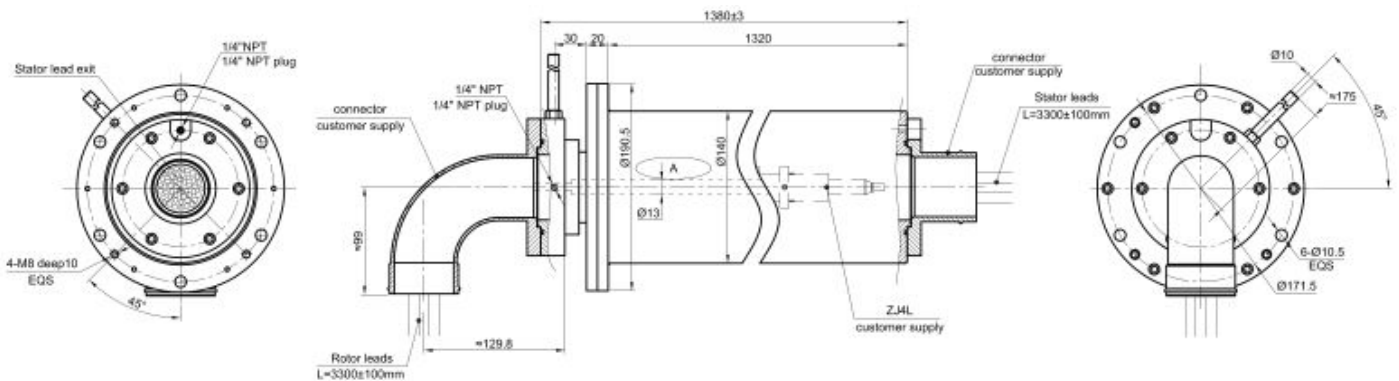


Ø140MM OFFSHORE SLIP RING

The Full size ROV slip ring, can be design to fit most ROV requirement. Our standards circuits are 20A/3000V, but we also has optional 5000V circuits, or higher currents

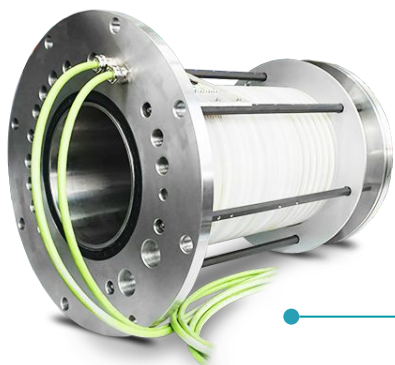
These slip ring are equipped with Internal heater to reduce condensation and air purging. 1-12 Optical channels are mostly included.

Mechanical flanges and hose fittings/glands can be custom made according to your requirements.



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Customized Offshore Slip Rings



CUSTOMIZED MARINE SLIP RING

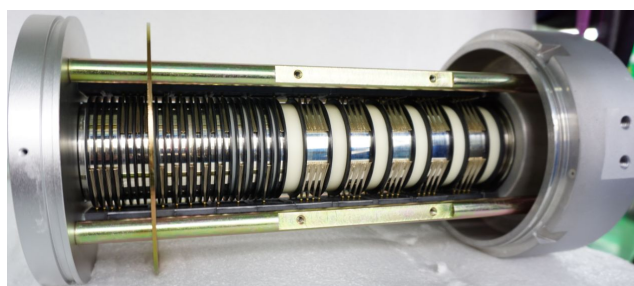
Our offshore slip ring can also be fully customized according to your requirement of installation, environment and electrical circuits.

By using our standardized technology and the knowledge from our industrial side, we can tailor the product to fit your requirements.

FIBER BRUSH TECHNOLOGY

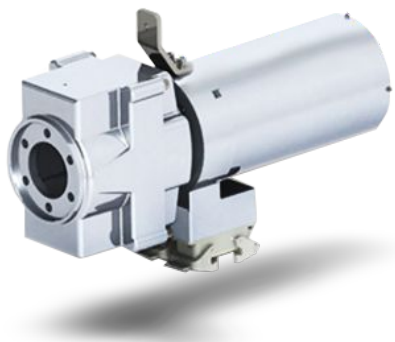
Our slip rings are designed with fiber brushes, these brushes has great advantages towards composite coal brushes, with a Service free lifetime of over 80 000 000 revolution, without dust or debris inside the slip ring, that need to be cleaned.

We combine the latest power signal brush technology technology, PCB design and thermal dissipation management to design slip rings that are highly efficient and reliable.



CIRCUITS CONFIGURATION

Our slip ring can be design with a wide range of electrical circuits, depending on your application, 10-100A Rings, or slip ring for research vessel with a voltage up to 10 000 V.



Let's talk business!

Get in touch with
us at Penlink!
No question is too
small or too big.



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HEADQUARTERS

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Solid Project
Management



Engineering &
Product Design



Commercial
Off The Shelf Products



Simulation &
Design Verification



Customized Design &
Integrated Solutions



Assembly
& Testing



Cutting-edge
Technology



Value-added Products
& Services