

**PENLINK**

# Slip Rings for Smaller Offshore Cranes

At Penlink, our strength is to produce customized slip rings for harsh environments. We know what technical specifications are important for slip rings to minimize downtime for cranes and deck machinery used in offshore environments. We can offer a wide range of standard solutions that we modify to suit your requirements, or we can design a completely customized solution if needed.

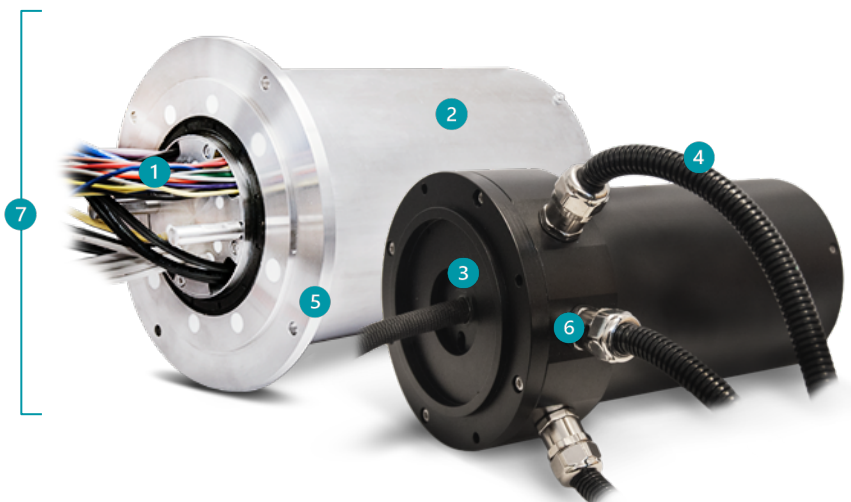


## Reliable and rigid slip rings for general cargo handling applications onboard offshore vessels and platforms.

To get a secure transfer of electricity from the stationary ship to the rotating crane the slip ring must be carefully designed. The slip rings can be divided into completely separated compartments, to ensure a redundant and safe transfer. If one compartment is subjected to a fault another completely isolated compartment can fulfill the slip ring function.

All Penlink crane slip rings can be equipped with fiber optical rotary joints. We can supply everything from 1 fiber optical channel to as many as you need, both multimode and single mode, and the connectors of your choice. The slip rings can be equipped with rotation sensors, such as gyros or accelerometers that can accurately and absolutely give the rotation angle of the crane.

- 1 Transmission
- 2 Material for Housing
- 3 Hollow Shaft
- 4 Cable Protection
- 5 Flanges
- 6 Custom Cable Exits
- 7 Sizing



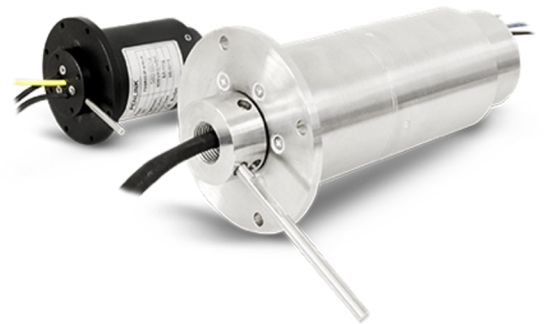
## Example of offshore slip rings

As we supply a wide range of slip rings for the offshore industry, we can easily offer solutions that meet your specifications. Here are two examples of slip rings that we offer for offshore cranes.

### SMALL COMPACT SLIP RING

#### Compact Slip Ring Suitable for Cranes

The smaller model are suitable for smaller cranes, fishing vessels and seismic surveys. This slip ring can have up to 1500V and 10A for each circuits and can be equipped with up to four independent optical passages all in the compact size of Ø72mm.



### MEDIUM HOLLOW SHAFT SLIP RING

#### Stainless Steel Slip Ring for Hoist Rigs

Our medium size winch slip ring, has a Ø102 mm housing. This slip ring can have up to 3000V and 20A and be combined with up to four independent optical passages and features as internal heaters. The model is perfect for offshore cranes or hoist rigs as it's compact in its size possible to fit in your construction.



Looking for a smaller or larger slip ring? Our slip rings can be designed in various sizes and with different materials depending on the application and environment. Contact our sales team to learn more about slip rings.

Get in touch with us today to start your next project!

[WWW.PENLINK.SE](http://WWW.PENLINK.SE)



Engineering &  
Product design



Inspection &  
Quality management



Simulation &  
Design verification



Assembly &  
Testing



Advanced  
Manufacturing



Value-Added  
Products & Services

We supply only the best solution for each and every industry, get in touch with us to learn more about your possibilities when working with Penlink.

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