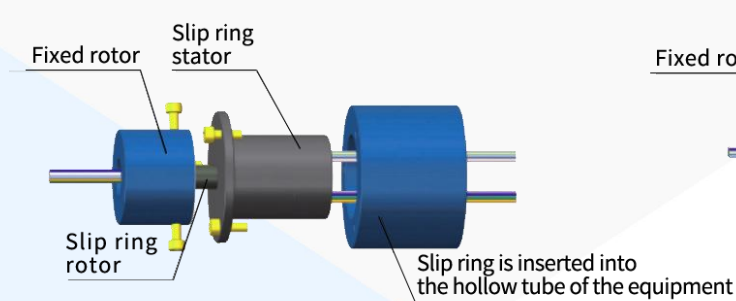


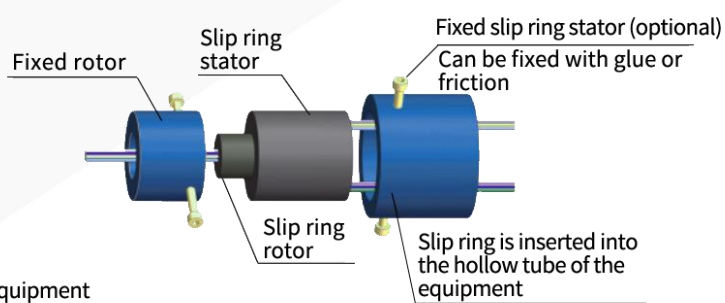
Cap type slip ring installation

Installation Method

1. Fix the slip ring stator: insert the slip ring into the sleeve of the stationary part of the equipment, fix the flange with screws, or fix the stator wire;
2. Fix the slip ring rotor: This series of slip rings has a small torque, and only needs to fix the wire at the rotor end. You can also use the sleeve to clamp the slip ring rotor to drive the slip ring to rotate.



Flange installation method



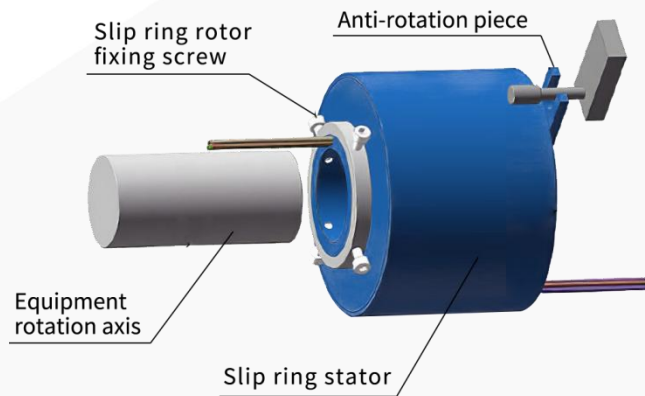
Flangeless installation

Through hole slip ring installation

Installation Method

Slip ring installation with anti-rotation plate

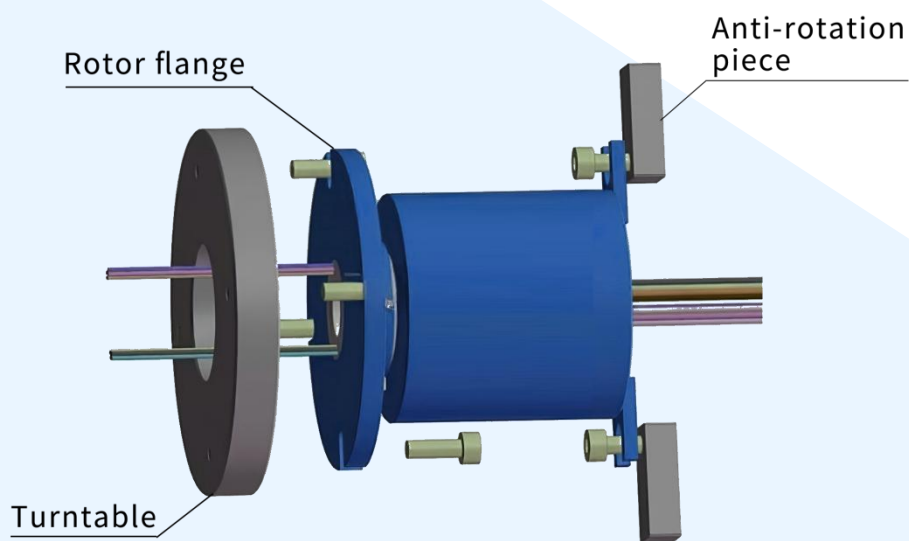
1. Fix the slip ring rotor: tighten the screws of the slip ring rotor to fix it to the rotating shaft of the equipment.
2. Fix the slip ring stator: fix the slip ring's anti-rotation plate to the equipment with screws or pins, but do not tighten it too much. The slip ring anti-rotation plate should retain a certain amount of free clearance with the fixed end of the equipment.



3D installation renderings

Flange slip ring installation

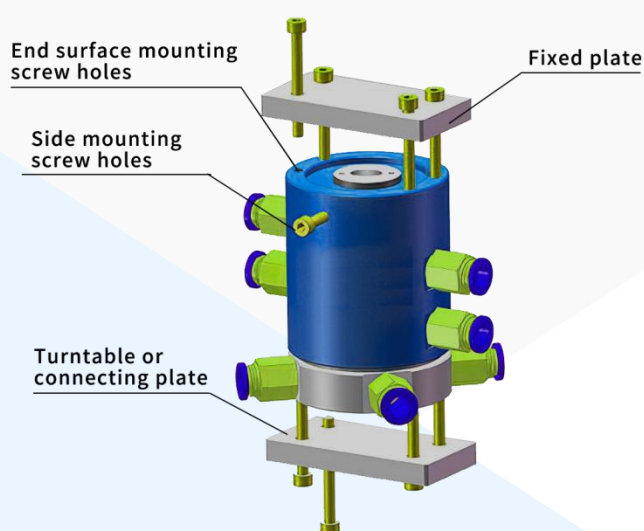
1. Fix the slip ring rotor: tighten the flange and the equipment turntable with screws to fix it to the rotating shaft of the equipment.
2. Fix the slip ring stator: fix the slip ring's anti-rotation plate to the equipment with screws or pins, but do not tighten it too much. The slip ring anti-rotation plate should retain a certain amount of free clearance with the fixed end of the equipment.



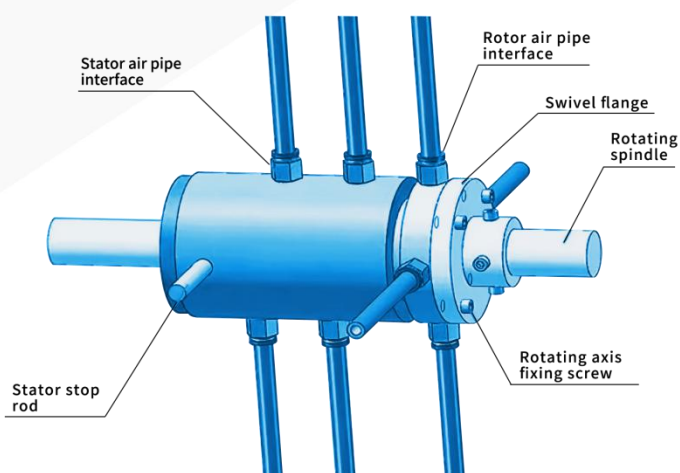
3D installation renderings

Gas slip ring installation

The installation of air slip ring and gas-electric combined slip ring is relatively convenient. There are multiple mounting screw holes on the rotor and stator of the slip ring. Customers can install it according to the actual situation. However, please note that there should be enough clearance between the fixing screws and the slot at the stator end during installation to eliminate the eccentricity error caused by installation.



Installation method of air slip ring
(without hole)



(Through hole) gas slip ring installation method

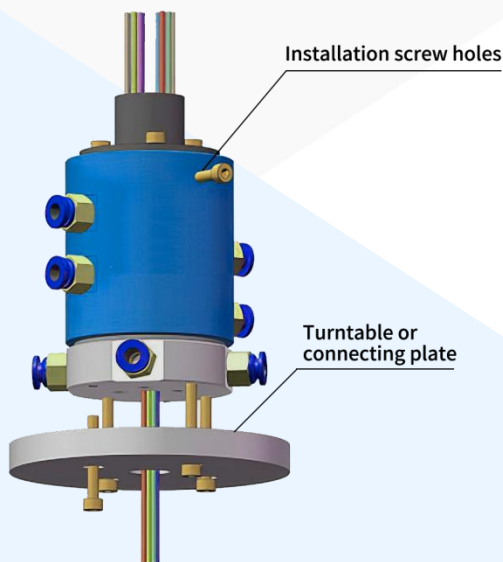
Gas-electric slip ring installation

Installation method of gas-electric slip ring with flange

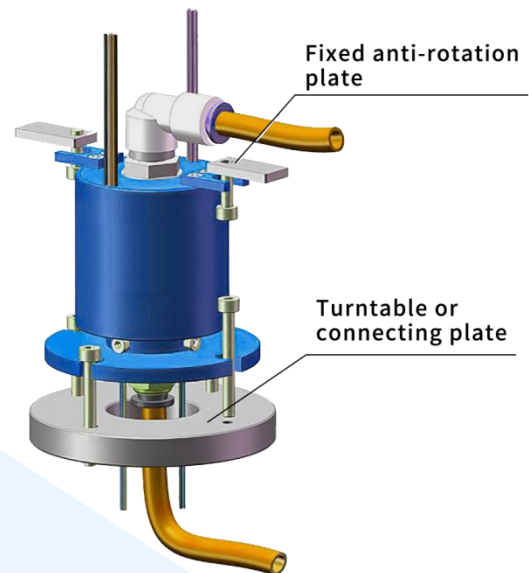
1. Fix the slip ring rotor: tighten the flange and the equipment turntable with screws to fix it to the rotating shaft of the equipment.
2. Fix the slip ring stator: fix the slip ring's anti-rotation plate to the equipment with screws or pins, but do not tighten it too much. The slip ring anti-rotation plate should retain a certain amount of free clearance with the fixed end of the equipment.

Installation method of air slip ring without flange

The installation methods are basically the same for flangeless and flanged installations.



(No flange) Gas-electric slip ring installation method



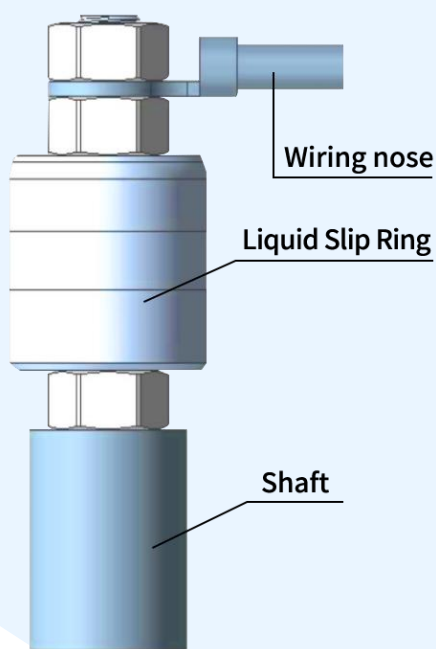
(With flange) Gas-electric slip ring installation method

Liquid slip ring installation

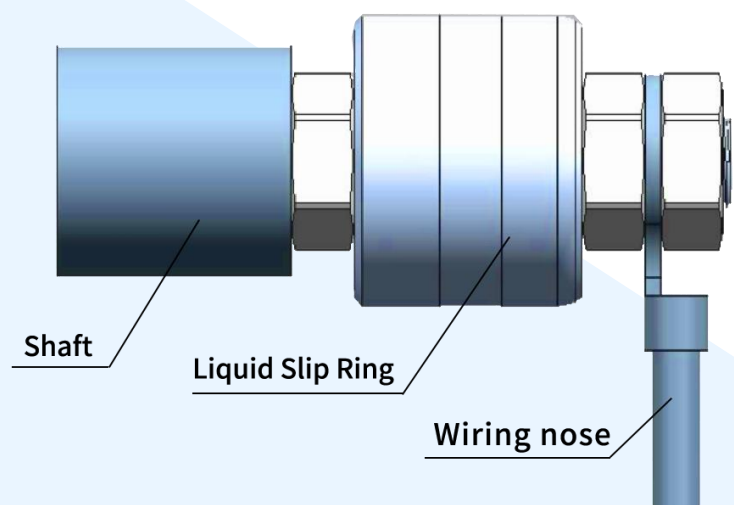
The installation methods of liquid slip rings can be divided into **horizontal installation** and **vertical installation**

1. When installing, first tighten the shaft and the liquid slip ring stator studs, and then use nuts to lock the shaft.
2. Then put the wiring nose on the soft cable on the rotor studs and lock it with the two nuts on the rotor studs.

Notice: During installation, the "UP" arrow must not point downward, the slip ring must not be eccentric to the axis, one end of the slip ring must be fixed to the axis, and the other end must be floated and fixed outside, and the cable must have a margin to prevent pulling force on the slip ring. The liquid slip ring must not be subjected to external force during operation.



Mercury slip ring vertical installation



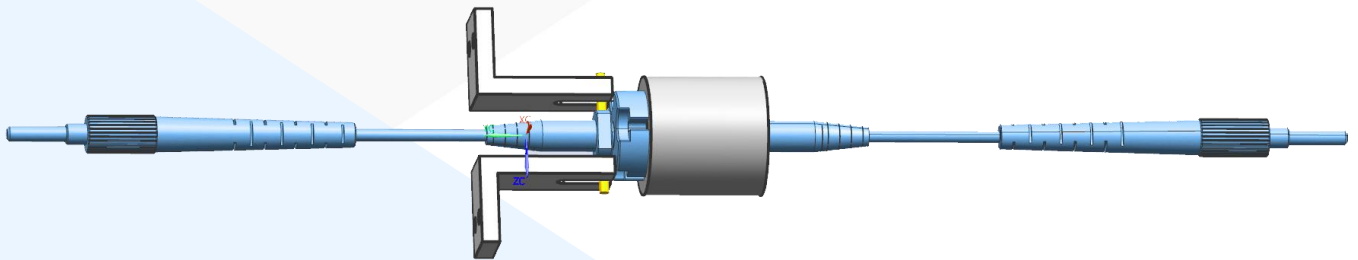
Liquid slip ring horizontal installation

Fiber Optic Slip Ring Installation

Single channel fiber optic installation

1. One end of the single-channel optical fiber slip ring is designed with a mounting hole, which can be fixed with screws.
2. The other end can be driven to rotate by a pin.

Notice:The groove for limiting the pin should leave enough clearance with the pin to eliminate the eccentricity error caused by installation, so as to avoid the optical fiber slip ring rotor end being squeezed during rotation, resulting in impaired product performance or damage to the product.



Multi-channel fiber optic slip ring installation

1. It is recommended to install the stator end of the optical fiber slip ring (such as the part with an outer diameter of 20mm) in the inner hole of the conductive slip ring shaft or in the shaft of other equipment.
2. Insert the two fork rods/keys fixed on the conductive slip ring stator housing (or equipment housing) into the groove of the fork flange of the optical fiber slip ring rotor to stop the rotation of the optical fiber slip ring rotor.

Notice:The notches of the pull fork rod and the pull fork flange of the optical fiber slip ring

should be matched with large clearance (the pull fork rod is recommended to have a 3mm diameter) to avoid the optical fiber slip ring rotor end being squeezed during the rotation process, resulting in impaired product performance or damage to the product.

