

## Circular waterproof connector introduction

Circular waterproof connector is also known as the sensor connector, because the shape of circular and waterproof and named, the use of circular thread tightening method with waterproof ring, to act on the fastening waterproof connection stability and stability of the electrical performance,

Wide range of applications for sensor connections. Such as industrial automation, medical equipment, weapons and equipment. Such as this website has a detailed catalog can be referred to circular waterproof connector

In recent years, the use of circular waterproof connector is more and more widespread, each field can see its shadow, today to talk about the development trend of circular waterproof connector and everyone!

### 1. Diversified installation methods

The diversified installation methods of lower shell and panel can not meet the needs of current application field. Such as front panel installation, rear panel installation, threaded joint installation, installation of four positioning holes, installation of four threaded holes.

In addition upper and lower shells are provided with elbow styles to meet the needs of corner wiring and insufficient space environment.

### 2. Diversity of specifications and functions

Connection of M5, M8, M9, M12, M15, M16, M23 thread locking specifications

(1) the upper shell has two styles with and without electromagnetic shielding to satisfy the operation sensitive to electromagnetic interference



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(2) Pin Pin can be connected in the following four ways: axial bolt connection, welding, insert welding and cold pressing. It can be selected on site to achieve efficiency and simplicity.

(3) the number and specification of Pin needles are as follows: 6,9,12,17 and 19, which meet the basic needs of the current market.

(1) upper and lower shells are connected by M23\*1 thread, which is the most common thread in the market at present. Support ring is used to support the insert. The method is

simple and universal, and it can achieve good anti-loose and anti-vibration effects under the restraints of cables.

(2) there are corresponding sealing rings at the joints of accessories to seal the inserts to meet the protection level requirements of IP67 in the process of use;

(3) the insert material adopts the heat-resistant insulation material with the flame retardant grade UL94 0, which can well meet the environmental requirements of the construction site;

(4) the upper and lower shells are connected in the same line, and on this basis, different shells are designed with the same structure of assembly and disassembly tools;

4. The above two meet the same protection requirements

In addition, the protective cover of upper and lower shells is specially designed, so that the waterproof protection effect of IP67/IP38 can still be achieved when the upper and lower shells are not pluggable.

I believe you must have a deeper understanding of waterproof connector, junhui industrial technology co., LTD., specializing in waterproof connector, bus junction box, sensor connector, cable connector, cable socket, automotive wiring harness

Circular connector, aviation plug, waterproof socket



Industrial self-waterproof circular connectors medical device connectors push-pull self-locking connectors M5 M8 M9 M16 M23 circular waterproof connectors/M12 connectors - waterproof classes IP67 and IP68, shielded and non-shielded versions optional. They include sensor connectors, radar sensor military-industrial connectors, brake connectors, and M12 Xcode Cat6A high-speed 10-gbit automation industry 4.0 Ethernet connectors. Compact design and provision of cables, panel-mount and flange connectors, and waterproof circular connectors are used for the customization of various



圆形防水连接器 M5 M8 M9 M12 M15 M16 | 连接  
线|工业自动化 传感器|推拉自锁连|医疗设备连接器|  
接线盒|航空插头|定制 连接线束|生产商