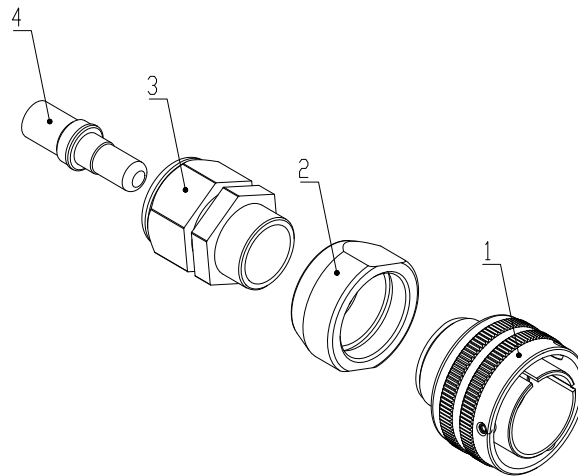


KRX10-09TP Plug Operation Instruction

Plug Assembly

1. Plug Composition

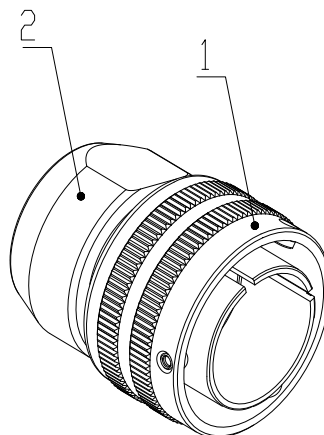
Disassemble the plug as shown in Picture 1. 1--Plug housing, 2--Connecting Sleeve, 3--Waterproof wire Joint, 4--Terminal



Picture 1

2. Plug Assembly 2 (Connecting sleeve)

As shown in Picture 2, Screw part 2 (connecting sleeve) on part 1 (Plug Housing) and tighten.



Picture 2

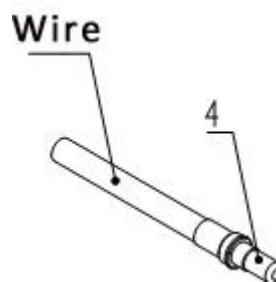
3. Terminal Crimp

As shown in picture 3, crimp the wires to the terminal (Part 4). Test the crimp first, and then crimp in batches after passing the test.

A. Wire range: 25, 35, 50mm²

B. Trial Crimp: Strip the wire, the core wire strip length is 14 ± 0.5 mm, and then crimp the wire to the part 4 (terminal). The crimp quality requirements are as follows:

- 1) There should be no cracks, peeling, peeling of the coating, broken wires, or loose core wires.
- 2) The crimp strength meets the following requirements: not less than 75% of the tensile strength of the wire.
- 3) When testing the crimp strength, the core wire must not break from the crimp barrel or come out of the crimp barrel.



Picture 3

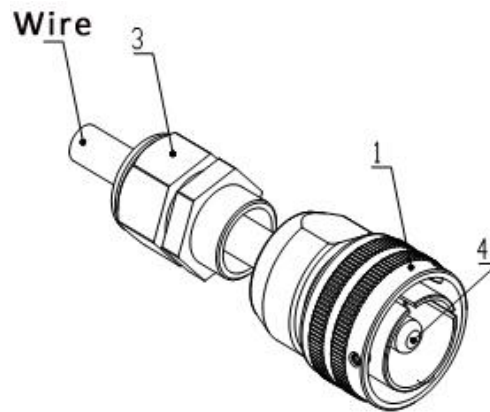
C. Terminal Crimp: Put the part 3 (waterproof wire joint) on the wire, and then crimp the part 2 (terminal) with a crimping tool that passed the pressure test and randomly check it.

D. Assembly part 4 (Terminal)

As show in picture 4, Insert part 4 (terminal) into the base hole of part 1 (Plug Housing), the specific operation is as follows:

A. Insert the crimped wire part 4 (terminal) into the hole in the base of part 1 (Plug housing). When you hear a "click" sound, it means that the part 4 (terminal) has been initially assembled in place

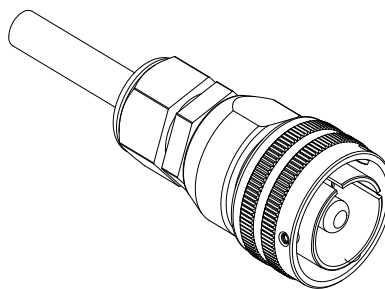
B. Pull the wire back by hand, if the terminal cannot be pulled out, it means that the pin is assembled in place



Picture 4

4. Plug Assembly 3 (Waterproof wire joint)

As shown in Picture 5, Screw the part 3 (waterproof wire joint) onto the part 2 (connecting sleeve) and tighten, then screw the tightening nut on the part 3 (waterproof wire joint) until the rubber sealing ring inside the nut tightens the cable Until clamping.



Picture 5

5. Test

Test connector should meet below requirement

Insulation Resistance: 5000MΩ

Withstand Voltage: 2000V DC

Ingress Protection: IP67

Thank you to read this documents. During use progress, any question please feel free to contact us as below:

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