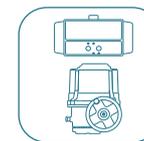
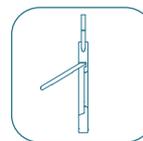
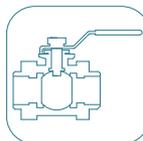
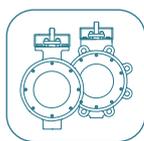


Instruction Manual



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Installation Procedures

Prepare the main installation tools.



Needle-nose pliers



Adjustable Wrench



1.5mm Hex key

Step 1: Take out the valve and limit switch, and check the integrity of the products.

Step 2: Start assembly:

- Use an adjustable wrench to remove the transparent cover on the top of the valve.
- Then use needle-nose pliers to twist off the red indicator rod.



Step 3: Unscrew the transparent cover of the limit switch, and take out the guide rod and the cam.

Step 4: Step 4: Twist the guide rod into the original position of the red indicator rod (using a flat-head screwdriver for better stability).



Step 5: Connect the limit switch to the actuator through the guide tube and tighten it. An adjustable wrench can be used to further reinforce the fixation.

Step 6: Use a hex key to fix the cam in the appropriate position, cover the transparent cover of the limit switch, and then the installation is complete.



Electrical position feedback and installation guide

Electrical position feedback

Electrical position feedback, combined with a pneumatic valve, transfer position signal - open or closed - of the valve.

The position of the valve is given by light(s) and by electrical signal on the mechanical contact.

The duplication rod fitted with 2 cams in Fig.565 switch when the valve opens or closes. When the switch is activated, there is LED light and electrical signal is transmitted.

Usage and maintenance

1. Make sure the working conditions of the product is consistent with the technical data in this catalogue. Never use the product out of the specified range.
2. Maintenance, inspection and disassembly of this product are not allowed until the system has been cooled down and released from pressure.
3. Due to the pre-loaded spring pressure in the actuator for normally closed angle seat valve, during the disassembly of the valve, first make sure there is air supply to make sure the piston moving to the right position, then disassembly the valve body. Never directly disassemble the valve body which might result in failure of disassembly due to the threads deathly contacted with each other.
4. If the actuator needs maintenance, it should be disassembled with special tools under the guidance of professional technicians.

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