HCW MODEL DR22

Electric Actuator

Application:

HCW electric actuators are mainly used in hydronic heating systems to control the opening and closing of flow valves served by the manifold. An actuator operates based on requests received from a thermostat or other zone control device. Electric actuators are normally closed (NC). “Normally closed” (NC) refers to an actuator that opens when energized. The circular middle portion of the actuator rises on request, a process that takes roughly 90 seconds (this can be observed visually).

Product features:

1. PTC controlled wax sensor
2. Spring closing mechanism ensures that the valve closes in the event of a power failure (normally closed type: NC)
3. Quiet operation, quick and easy installation with 360-degree rotation
4. Durable and very safe
5. Low energy consumption

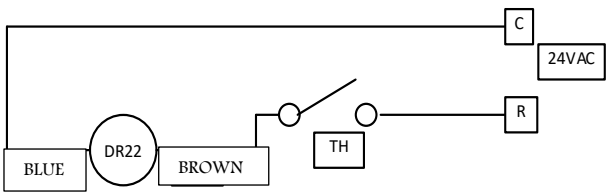
Technical data:

- Voltage: 24 VAC +/- 10%
- Power consumption： 2-3 W
- Frequency: 60 Hz
- Stroke: 3 to 5 MM

  Ambient temperature: - 5 ~ 60 °C
- Force: 110 N
- Cable length: 800 mm
- Enclosure rating: IP54
- Fastener: M30 x 1.5 mm

  Enclosure type: Reinforced nylon

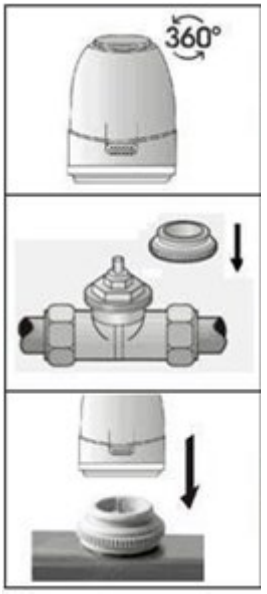
Wiring diagram :



Step 1: Pick up the operating head and visually inspect it for any damage. If the power cable or motor is damaged, replace the actuator. Do not attempt to repair the product.

Step 2 : Remove the plastic connector from the actuator and thread it onto the manifold.

Step 3 : Firmly insert the actuator into the plastic connector attached to the valve. Installation is complete. Proceed with electrical connections.



Warning :

In the actuator stops working, never attempt to open it or repair it yourself. This could compromise user safety.

SYSTÈMES HCW SYSTEMS