

920018PL USER MANUAL

Thermal actuators are mainly used in floor heating systems to control closing and opening of the valves. It is specifically applied to electric drive part of the branch manifold valve, small valve and dynamic balance valve. No noise, fast installation and easy disassembly.

Features:

- Quick start
- Full view stroke indication
- Manual opening function
- Long-term durability
- Noiseless
- Low power consumption
- 360° installation
- Compact size, small dimensions

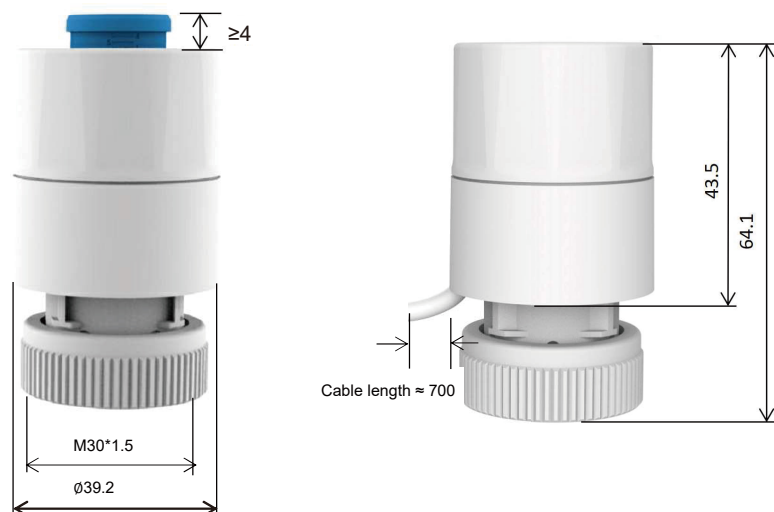


Technical parameters:

Control direction: Normally closed	Adapter: M30x1.5mm
Voltage: AC 230V;AC/DC 24V	Power consumption: 2W (both for 24v/230v)
Protection grade: IP54	Cable length:700mm
Working temperature: -5°C-60°C	Standard: EN 60730
Stroke: >=4mm	Force: 120±10N
Housing material: PA66+30%GF	Closing and opening time: 60s

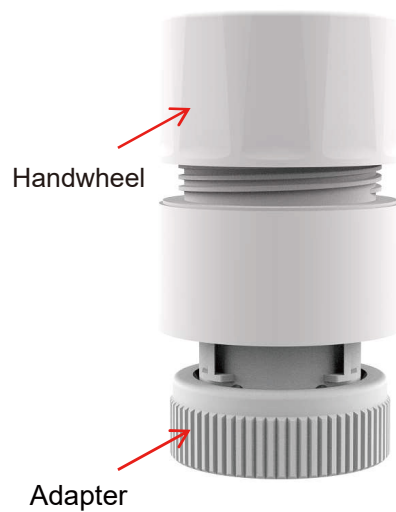
Dimensions:

Unit: MM



Installation and disassembly:

Install the actuator:



1. Turn the handwheel **counterclockwise** one circle.
2. Turn the adapter **clockwise** until it is installed on the valve.
3. Tighten the handwheel **clockwise**.

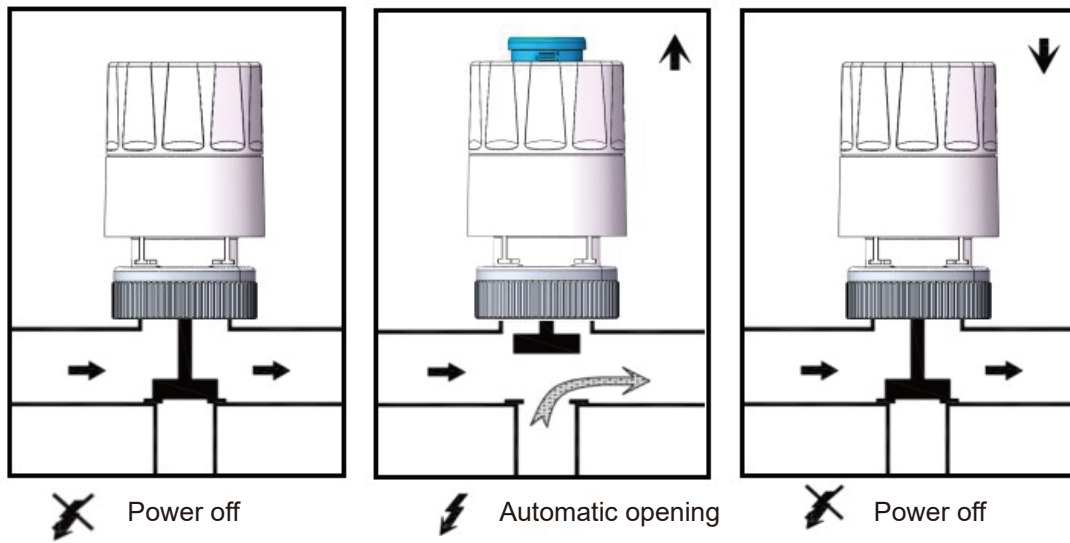
Note: Pipe clamps, clamps and other tools must not be used during installation.

Disassembling the actuator:

1. Turn the handwheel **counterclockwise** one circle.
2. Turn the adapter **counterclockwise** until the actuator is disengaged from the valve.
3. Tighten the handwheel **clockwise**.

Note: Pipe clamps, clamps and other tools must not be used during disassembly.

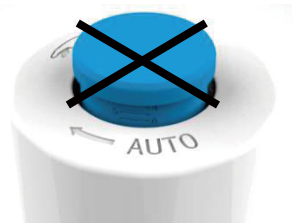
Working status



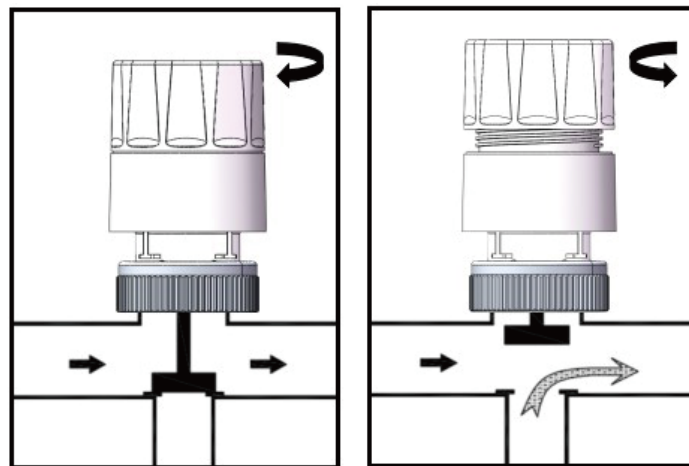
Precautions



Normal status



Abnormal status



Manual closing
(clockwise rotation)

Manual opening
(counterclockwise rotation)

Manual open function