Thermal Actuator for radiant heating and cooling systems instruction sheet

The Uponor Thermal Actuator, four-wire (A3023522) features a low, 1-watt power consumption and includes three adapter rings for compatibility with the following manifolds:

- Engineered Polymer (EP) Heating Manifold
- Stainless-steel Manifold
- TruFLOW™ Jr. Manifold
- TruFLOW Classic Manifold

**Adapter rings**

- A2671300 (EP Heating Manifold Adapter Ring)
- A2771060 (Stainless-steel Manifold Adapter Ring)
- A2870100 (TruFLOW Manifold Adapter Ring)

**Actuator installation**

1. Thread the adapter ring onto the valve.
2. Place the actuator vertically on the adapter ring.
3. Press down vertically and snap the actuator onto the adapter ring.

**Actuator mounting**

Install the actuator vertically or horizontally as shown above.

**Note:** The actuator is shipped locked partially open. To unlock, apply power for a minimum of 6 minutes. Failure to do so will allow flow through the loops.
Actuator wiring instructions to Uponor Zone Control Module (A3031003 or A3031004)

Specifications
- Operating voltage: 24V AC/DC 60Hz
- Operating power: 1.0w
- Maximum inrush current: 300 mA for max. 2 min

Note: Two-wire application will not work with Uponor Zone Control Module A3030003 or A3030004.

Actuator wiring instructions to Uponor heating thermostats

End switch
- Switching current: 24 vac 0.5A
- Ambient temperature: 32°F to 140°F (0°C to 60°C)
- Storage temperature: -13°F to 149°F (-25°C to 65°C)