

Thermal Actuator, four-wire

Submittal information
Revision B: Sept. 21, 2017

Project information

Job name:	
Location:	Part no. ordered:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Voltage:	24VAC, +20% -10%
Start current:	<300 mA for 2 mins. (max.)
Working current/power:	1W
End switch:	24VAC, 0.5 A
Switching current for micro switch:	24VAC, 3 A resistive load, 1 A inductive load
Ambient temperature:	32°F to 140°F (0°C to 60°C)
Storage temperature:	-13°F to 140°F (-25°C to 60°C)
Fluid temperature:	32°F to 212°F (0°C to 100°C)
Actuating force:	100 N ±5%
Housing material:	Polyamide light gray (RAL 7035)
Cable length:	36" (91.5 cm)



Product information and application use

The Uponor Thermal Actuator, four-wire (A3023522) is a slow-opening thermal actuator that mounts directly onto the following Uponor radiant manifolds: TruFLOW™ Classic, TruFLOW Jr., Stainless-steel and Engineered Polymer (EP) Heating Manifold. The actuator provides individual loop flow control on a multi-zoned manifold and features an end switch for activation of relay (pump), heat plant or other auxiliary devices.

✓	Description	Part number	Height	Width	Depth	Weight
	Thermal Actuator, four-wire	A3023522	2.5"	1.75"	2.0"	0.32 lbs.

Installation

Install in the upright or horizontal position. During the initial install and after power comes on, turn on thermostats to activate and unlock the actuators. This may take in excess of six (6) minutes. Refer to the Uponor Radiant Floor Heating Installation Handbook for more information.

Accessories

A2671300: EP Heating Manifold Actuator Adapter; A2771060: Spacer Ring VA10 for Stainless-steel Manifold; A2870100: Spacer Ring VA31H for TruFLOW Jr. and TruFLOW Classic Manifolds

Standards

N/A

Codes

N/A

Listings

N/A

Related applications

Radiant heating and cooling systems
Snow and ice melting systems
Permafrost protection systems
Turf conditioning systems

Contact information

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