

SSE-24VAC-4W is a thermal 4-wire manifold valve actuator for SSE hydronic manifolds. It provides individual loop flow control on a multi-zoned manifold.

4-wire
Normally (Currentless) Closed
Hand-tight installation onto the manifold.

Voltage	24VAC
Switch-on current max	250 mA
Operating current	75 mA
Operating capacity	3 W
Closing and opening times	3 minutes
Displacement	4 mm
Pulling Load	100 N +/- 5 %
Ambient temperature	0°C up to +65 °C
Operating range	-58 to 140F (-50 to 60C)
Weight	100 g with cable

Check all parts.
Replace damaged actuators.
Do not attempt to repair.
Mount the actuator so that it is aligned horizontally or facing up.

Wire on Actuator Uponor Zone Control Module	TACO Zone Valve Controller
Blue (24 VAC) R1	1
Brown (24 VAC) R2	2
Black (End Switch) Y1	3
Black (End Switch) Y2	4

Connect 24 VAC power from a thermostat or zone control module to the brown and blue wires of the actuator. When 24 VAC power is applied to the actuator, it will take 3-4 minutes for the actuator to fully open. When power is cut, it will take 3-4 minutes for the actuator to fully close. A dry-contact end switch is built in to the actuator. When the actuator fully opens, the end switch will close. If required, connect the two black end switch wires to a suitable 24 VAC-powered relay, to activate a device to be operated by the actuator's end switch. If the end switch is not needed, it is not necessary to use the black wires, and they may be trimmed.