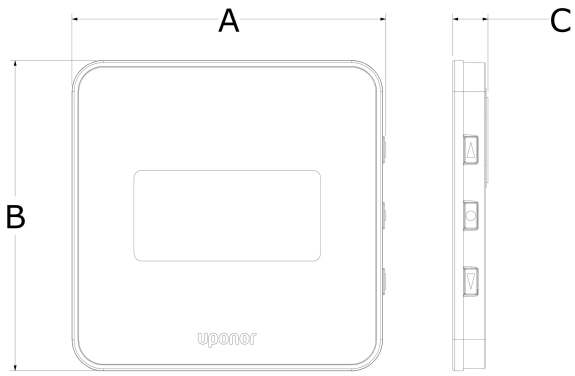
Smatrix Pulse digital thermostats

Project information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Operating temperature min. [°F]	32 °f
Operating temperature max. [°F]	113 °f
Ambient temperature min. [F]	14 °f
Ambient temperature max. [F]	149 °f
Ambient humidity non-condensing max [%]	85
Type of battery	CR2032 / 3V
Prop 65 label required?	Yes



Product information and application use

Smatrix Pulse provides precise wireless control of radiant floor heating as well as forced-air heating and cooling systems in one solution that connects to a smart home assistant and can also be controlled remotely via the Smatrix Pulse App.

The Smatrix Pulse Digital Thermostat (T-169) is an operative temperature sensor that provides precise measurement of thermal comfort. The thermostat shows the current room temperature, set temperature, or relative humidity on the display. The user adjusts temperature settings via the buttons on the side of the thermostat. The thermostat connects via wireless technology to the Smatrix Pulse Controller (X-265), which can connect up to six (6) thermostats and eight (8) actuators. The controller operates the actuators, which, in turn, affect the flow of the supply water to change the indoor temperature using information transmitted from the registered thermostats and system parameters.

	Part name	Part no.	A [inch]	B [inch]	C [inch]	Weight per UOM [lbs/UOM]
✔	Smatrix Pulse Digital Thermostat (T-169)	A3800169	3.189	3.15	0.354	0.1

Part name	Part no.	Codes	Standards	Listings
Smatrix Pulse digital thermostats	A3800169	-	IC RSS-210|ICC RSS-Gen|FCC 47 CFR Part 15	IC 7664A-SM4NA0|FCC ID V9MSM4NA0

Installation

Refer to the Smatrix Pulse Installation and Operation Manual for installation information.

Related applications

Radiant

Hydronic Heating & Cooling

Tools & Accessories

Footnotes

-

Contact information

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517

© 2026 Uponor North America. All Rights Reserved