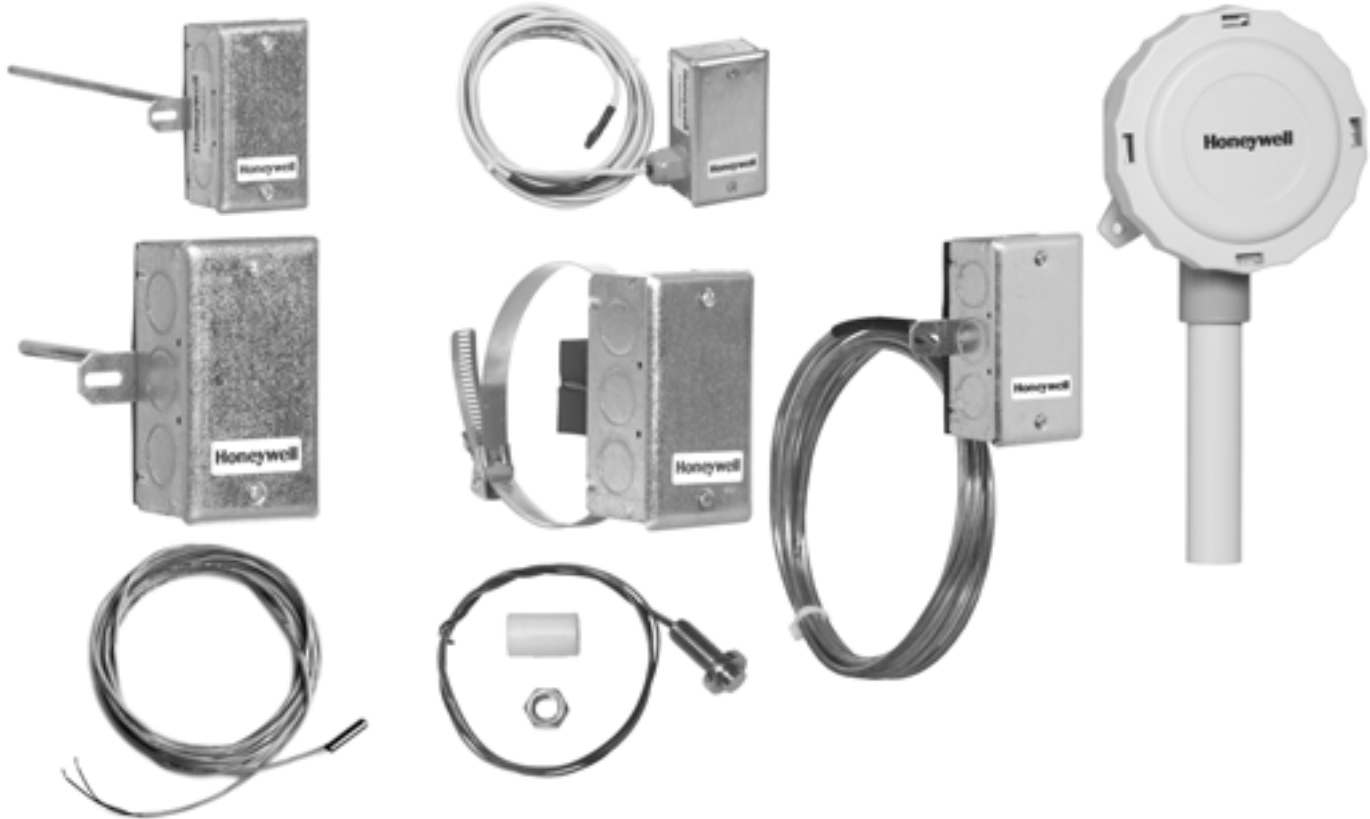


Temperature Sensors

C7023 10K ohm NTC Type III Temperature Sensors



The Series C7023 2000 10 K ohm Type III Electronic Temperature Sensors are designed for use with electronic controllers in domestic or commercial heating and cooling systems.

- B and C Model sense duct air temperature
- D models for immersion mounting sense water temperature
- F models sense outdoor air temperature and are weatherproof for outdoor use (knockouts allow for 1/2 in. conduit connection).
- J and R models sense average duct air temperature
- K models with strap-on mounting senses water temperature
- P models sense air temperature
- Solid state components not affected by dust or dirt

Sensor Type: 10 K ohm NTC @ 77 F Type III
Maximum Ambient Temperature: 302 F (150 C)
Shipping Temperature Range: -30 F to +160 F (-34 C to +71 C)
Used With: WEBS-AX I/O Modules

Product Number	Application	Insertion Length		Operating Temperature Range	
		(inch)	(mm)	(F)	(C)
C7023B2005/U	Duct	6 in.	152 mm	-40 F to +250 F	-40 C to +121 C
C7023B2013/U	Duct	12 in.	305 mm	-40 F to +250 F	-40 C to +121 C
C7023C2003/U	Duct	18 in.	457 mm	-40 F to +250 F	-40 C to +121 C
C7023D2001/U	Immersion sensor for hot or chilled water, purchase well 50001774-001 separately	5 in.	127 mm	-40 F to +250 F	-40 C to +121 C
C7023F2009/U	Outside air temperature	—	—	-40 F to +158 F	-40 C to +70 C
C7023J2007/U	Duct (averaging)	12 ft.	3.66 m	-40 F to +250 F	-40 C to +121 C
C7023K2005/U	Hot or chilled water (strap on)	—	—	-40 F to +250 F	-40 C to +121 C
C7023N2001/U	Water or air temperature sensor (probe sensor)	—	—	-40 F to +250 F	-40 C to +121 C
C7023P2004/U	Temperature sensor	—	—	-40 F to +250 F	-40 C to +121 C
C7023R2000/U	Duct (averaging)	12 ft.	3.66 m	-40 F to +250 F	-40 C to +121 C
C7023R2018/U	Duct (averaging)	24 ft.	7.3 m	-40 F to +250 F	-40 C to +121 C