

GENERAL TEMPERATURE SENSORS



C7041B



C7041D



C7041J



C7041R



C7041F



C7041P



TB-WALL

	Part Number	Sensing Element	Resistance	Operating Range	Mounting and Application		
Duct Mount	C7021B2005	10K ohms NTC Type II	10K ohms NTC at 77°F	-40° to 250° F	6" duct w/wiring enclosure		
	C7021B2013				12" duct w/wiring enclosure		
	C7021C2003				18" duct w/wiring enclosure		
	C7021J2007				12' duct averaging w/wiring enclosure		
	C7021R2000				12' duct averaging flexible copper		
	C7021R2018				24' duct averaging flexible copper		
	C7776A1006			45° to 99° F	6" duct probe w/flange, 8.5 in stranded wire		
	C7776A1040				6" duct probe w/flange, 6 ft plenum cable		
	C7023B2005				6" duct w/wiring enclosure		
	C7023B2013				12" duct w/wiring enclosure		
	C7023C2003	10K ohms NTC Type III	10K ohms NTC at 77°F	-40° to 250° F	18" duct w/wiring enclosure		
	C7023J2007				12' duct averaging w/wiring enclosure		
	C7023R2000				12' duct averaging flexible copper		
	C7023R2018				24' duct averaging flexible copper		
	C7778A1006			45° to 99° F	6" duct probe w/flange		
	C7778A1040				6" duct probe w/flange, 6 ft plenum cable		
	C7041B2005				6" duct w/wiring enclosure		
	C7041B2013				12" duct w/wiring enclosure		
	C7041C2003			20K ohms NTC	20K ohms NTC at 77°F	-40° to 250° F	18" duct w/wiring enclosure
	C7041J2007						12 ft. Duct (Averaging) w/wiring enclosure
	C7041R2000	12 ft. Duct flexible copper (Averaging)					
	C7041R2018	24 ft. Duct flexible copper (Averaging)					
	C7770A1006	45° to 99° F	6" duct probe w/flange				
	C7770A1040		6" duct probe w/flange and 6 ft. plenum rated cable				
C7046D1008	PT1000		1,097K ohms PTC at 77°F			40° to 150° F	8" duct (Discharge probe w/flange)
C7100D1001	PT3000		3,484K ohms PTC at 77°F			40° to 220° F	13" duct (Averaging)
C7100A1015							
C7100C1003	3K ohms NTC	3K ohms NTC at 77°F	40° to 150° F	8" duct w/flange			
C7046A1004				12" duct w/flange			
C7046A1038				8" duct discharge w/flange			
C7046C1000				Duct (internal)			
C7150B1004	22.8K ohms NTC	22.8K ohms NTC at 77°F	40° to 250° F	6" Zone (Discharge w/flange)			
C7046B1010			40° to 150° F	13" duct (Averaging)			
C7100B1013							
Water	C7021D2001	10K ohms NTC Type II	10K ohms NTC at 77°F	-40° to 250° F	6" w/wiring enclosure, use well 50001774-001		
	C7021K2005	10K ohms NTC Type III	10K ohms NTC at 77°F		Strap-on pipe sensor with wiring enclosure		
	C7023D2001				6" w/wiring enclosure, use well 50001774-001		
	C7023K2005	20K ohms NTC	20K ohms NTC at 77°F		Strap-on pipe sensor with wiring enclosure		
	C7041D2001				6" w/wiring enclosure, use well 50001774-001		
	C7041K2005				Strap-on with wiring enclosure		
Outdoor	C7021F2009	10K ohms NTC Type II	10K ohms NTC at 77°F	-40° to 158° F	Outdoor weatherproof, connects to 1/2" conduit		
	C7023F2009	10K ohms NTC Type III	10K ohms NTC at 77°F				
	C7041F2006	20K ohms NTC	20K ohms NTC at 77°F				
Wall Mount	C7772F1004	10K ohms NTC Type II	10K ohms NTC at 77°F	45° to 99° F	Flush wall mount, without logo		
	C7772F1012			45° to 99° F	Flush wall mount, with logo		
	C7021P2004			-40° to 250° F	Small metal button sensor		
	TB-WALL-1014			32° to 122° F	Wall sensor		
	TB-WALL-OVR-1014	10K ohms NTC Type III	10K ohms NTC at 77°F	32° to 122° F	Wall sensor with override		
	C7772G1004			45° to 99° F	Flush wall mount, without logo		
	C7772G1012			45° to 99° F	Flush wall mount, with logo		
	C7023P2004			-40° to 250° F	Small metal button sensor		
	C7772A1004	20K ohms NTC	20K ohms NTC at 77°F	45° to 99° F	Flush wall mount/no logo		
	C7772A1012			45° to 99° F	Flush wall mount/with logo		
	C7041P2004			-40° to 250° F	Small metal button sensor		
	C7130B1009	PT1000	1,097 Ohms PTC at 77°F	-40° to 100° F	Wall mount		
	TR29 + SP3000-2	SP3000-2	3,484 ohms PTC at 77°F	-40° to 250° F			
Water/Air	C7021N2001	10K ohms NTC Type II	10K ohms NTC at 77°F	-40° to 250° F	Probe Sensor with 6' Lead		
	C7023N2001	10K ohms NTC Type III	20K ohms NTC at 77°F				
	C7041N2020	20K ohms NTC	20K ohms NTC at 77°F				

NOTE: 20K ohms NTC sensors are used with Excel 10, 15, 50, 100 and 500. See controller product data sheets for details. PT1000 sensors are used with Excel 15, 100, 500, and 600. See controller product data sheets for details. PT3000 sensors are used on certain Excel and Microcell products. See controller product data sheets for details. 3K ohm NTC sensors are used on W7100, W7459, W7215, W7212 and all economizer modules. 10K ohms NTC Type II sensors are used with TB7600, TB7300, and TB7600 Series communicating thermostats. 10K ohms NTC Type III sensors are used with WEBs-AX I/O Modules.