C7031 Electronic Temperature Sensors

Electronic temperature sensors, 20K ohm NTC, used with DDC Systems.
- Solid state thermistor element provides accurate sensing of temperature changes.

Application: Duct Discharge

Dimensions, Approximate: 4 3/16 in. high x 2 19/64 in. wide x 1 59/64 in. deep (107 mm high x 58 mm wide x 49 mm deep)
Maximum Ambient Temperature250 F: (121 C)
Shipping Temperature Range: -30 F to +160 (-34 C to +71 C)

Product Number	Application	Sensor Type	Insertion Length (inch)	(mm)	Operating Temperature Range (F)	(C)	Includes	Used With
C7031B2005/U	Duct	1097 K ohm PTC @ 77 F	6 in.	152 mm	-40 F to +250 F	-40 C to +121 C	—	Excel 10, 50, 80, 100, 500; T775 Series 2000
C7031D2003/U	Hot or chilled water	PT1000, 1097 ohms @ 77 F	5 in.	127 mm	-40 F to +350 F	-40 C to +177 C	Well	Excel 500, T775 Series 2000
C7031G2006/U	Outside air temperature	1715 @ 90F NTC	—	—	-40 F to +120 F	-40 C to +49 C	—	W7100 (outdoor reset)
C7031G2014/U	Outside air temperature	PT3000, 3484 ohms @ 77 F	—	—	-40 F to +120 F	-40 C to +49 C	—	T7350
C7031J2009/U	Duct	PT1000, 1097 ohms @ 77 F PTC	144 in.	3658 mm	40 F to 180 F	4 C to 82 C	—	Excel 500, T775 Series 2000

C7031 Accessories

Product Number	Application	Description
32005960-001/U	Temperature Sensor Part or Accessory	Immersion well for C7031D Series 2 models only

C7031 Replacement Parts

Product Number	Application	Description
32006523-001/U	Temperature Sensor Part or Accessory	Temperature probe for C7031D1062