C7041 Temperature Sensor Accessories

Product Number	Description	Application	Used With
50001774-001/U	5 inch immersion well	Temperature Sensor Part or Accessory	C7031D2000, C7031D2003, C7041D2000, and C7041D2001 only
50001775-001/U	Immersion well adaptor	Temperature Sensor Part or Accessory	C7031D2000, C7041D2000 series to thread into old 32005960-001

C7046 Discharge Air Temperature Sensors

Air Temperature Sensors function as primary and/or secondary sensors in electronic control systems.
- No settings or calibration required.
- Solid state components not affected by dust or dirt.
- Fast reacting.
- Rugged aluminum insertion probe.
- Mounts on duct or plenum surface with integral mounting flange, or in a 2 x 4 in. junction box.

Application: Primary and/or secondary sensors in electronic control systems

Dimensions, Approximate: 1 in. high x 2 in. wide x 9 in. deep (25 mm high x 51 mm wide x 229 mm deep)

Maximum Ambient Temperature: 250 F (121 C)

Operating Temperature Range: 40 F to 150 F (4 C to 66 C)

Shipping Temperature Range: -30 F to +160 F (-34 C to +71 C)

Mounting: Mounts on flat duct or plenum surface with integral mounting flange or in a 2 in. x 4 in. (51 mm x 102 mm) junction box.

Includes: 6 in. leadwires

Comments: Quick response time. Sensor probe diameter is 1/4 in. (6 mm). 6 in. leadwires.

Product Number	Sensor Type	Insertion Length (inch)	(mm)	Used With
C7046A1004/U	3K ohm @ 77 F NTC	8 in.	203 mm	W973, W6210, W6215, W7210, W7215, W7459, W7460
C7046A1038/U	3K ohm @ 77 F NTC	12 in.	305 mm	W973, W6210, W6215, W7210, W7215, W7459, W7460
C7046B1010/U	22.8 K ohm NTC @ 77 F	6 in.	152 mm	W7080
C7046C1000/U	3K ohm @ 77 F NTC	8 in.	203 mm	W973
C7046D1008/U	1097 ohm @ 77 F PTC	8 in.	203 mm	Excel 80, 100, 500, and 600 controllers and T775 Series 2000

C7100 Averaging Duct Temperature Sensors

Averaging Duct Temperature Sensors are used to sense temperature in discharge duct.
- Use to troubleshoot system operation.
- Platinum positive temperature coefficient sensor.
- Factory calibrated; no settings or field calibration required.

Dimensions, Approximate: 1 13/16 in. high x 1 13/16 in. wide x 13 1/4 in. deep (46 mm high x 46 mm wide x 336 mm deep)

Maximum Ambient Temperature: 250 F (121 C)

Shipping Temperature Range: -30 F to +150 F (-34 C to +66 C)

Mounting: Discharge Duct

Comments: Recessed 1/4 in. (6 mm) quick-connect terminals. 3/4 in. (19 mm) diameter sensor probe.

Product Number	Application	Sensor Type	Insertion Length (inch)	(mm)	Operating Temperature Range (F)	(C)	Used With
C7100A1015/U	Averaging Duct Discharge Air Sensor	PT3000, 3484 ohms @ 77 F PTC	13 in.	330 mm	40 F to 220 F	4 C to 104 C	W7100, W8900
C7100B1013/U	Averaging Air Sensor	22.8 K ohm @ 77 F NTC	13 in.	330 mm	40 F to 150 F	4 C to 64 C	W7080
C7100C1003/U	Averaging Duct Discharge Air Sensor	PT3000, 3484 ohms @ 25C PTC	13 in.	330 mm	40 F to 220 F	4 C to 104 C	T775
C7100D1001/U	Averaging Duct Discharge Air Sensor	PT1000, 1097 ohms @ 77 F PTC	13 in.	330 mm	40 F to 220 F	4 C to 104 C	Excel 500, T775 Series 2000

Commercial Components

Honeywell