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C7041D2001/U

20K ohm NTC Temp Sensor, 5 in. insertion

Overview

The C7041 Electronic Temperature Sensors are 20K ohm NTC sensors designed to be used with controllers in domestic or commercial heating and cooling systems.

Features

- The C7041 series of electronic temperature sensors are designed for use with the Excel controller requiring a 20K ohm NTC non-linearized sensor input.
- Various models are available for sensing duct air temperature, averaging air temperature outdoor air temperature, or water pipe temperature.
- All devices consist of a temperature sensitive element and leadwires enclosed for protection.
- Sensor element enclosures are made of various lengths and configurations for the specific application.
- All devices have a wiring box housing to enclose the field wiring connections. C7041F is made of aluminum and stainless steel, is waterproof, and includes a sunshield.

Product Specifications

Application	Immersion sensor for hot or chilled water, purchase with 50001774-001 separately
Dimensions (in.)	4 3/16 in. high x 2 5/16 in. wide x 1 11/16 in. deep
Dimensions (mm)	107 mm high x 59 mm wide x 43 mm deep
Used With	Excel 10, 50, 80, 100, 500
Item Type	Product
Sensor	20 K ohm NTC @ 77 F
Operating Temperature Range (F)	-40 F to +250 F
Operating Temperature Range (C)	-40 C to +121 C
Shipping and Storage Temperature Range (F)	-30 F to +160 F
Shipping and Storage Temperature Range (C)	-34 C to +71 C
Insertion Length (in.)	5 in.
Insertion Length (mm)	127 mm
Ambient Temperature Range (F)	302 F Maximum
Ambient Temperature Range (C)	150 C Maximum