C7776A Duct Probe

The C7776 Air Temperature Sensors are direct wired temperature sensors that are used to sense discharge or return air in a duct. The sensors are 10 ohm NTC Type II sensors that are compatible with TB7600, TB7300, and TB7200 communicating thermostats.
- Primary and/or secondary sensor for use with
- electronic control systems
- Integral 10K ohm NTC Type II nonlinear sensors
- Operating range of 45 to 99 F (7 to 37 C)
- Mounts on a flat duct or plenum surface or, for a plenum-rated application, in a standard utility conduit box
- Probe length of 6 in. (152 mm)
- Rugged 1/4 in. diameter aluminum insertion probe

Application: Primary and/or secondary sensors in electronic control systems
Dimensions, Approximate: 1 in. high x 2 in. wide x 7 in. deep (25 mm high x 51 mm wide x 177 mm deep)
Operating Temperature Range: 45 F to 99 F (7 C to 37 C)
Shipping Temperature Range: -40 F to +150 F (-40 C to +65 C)

Operating Humidity Range (% RH): 5 to 95% RH, non-condensing
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.
Used With: TB7600, TB7300, TB7200 Series communicating thermostats

Product Number	Sensor Type	Insertion Length		Description	Comments
		(inch)	(mm)		
C7776A1006/U	10 K ohm NTC Type II non-linear	6 in.	152 mm	6 in. Duct Probe for Return Air 10 K ohm NTC Type II non-linear Temperature Sensor	—
C7776A1040/U	10 K ohm NTC Type II non-linear	6 in.	152 mm	6 in. Duct Probe for Return Air 10 K ohm NTC Type II non-linear Temperature Sensor	6 foot plenum rated cable

C7778A Duct Probe

The C7778 Air Temperature Sensors are direct wired temperature sensors that are used to sense discharge or return air in a duct. The sensors are 10 ohm NTC Type III sensors that are compatible with WEBs-AX I/O modules.
- Primary and/or secondary sensor for use with
- electronic control systems
- Integral 10K ohm NTC Type III nonlinear sensors
- Operating range of 45 to 99 F (7 to 37 C)
- Mounts on a flat duct or plenum surface or, for a plenum-rated application, in a standard utility conduit box
- Probe length of 6 in. (152 mm)
- Rugged 1/4 in. diameter aluminum insertion probe

Application: Primary and/or secondary sensors in electronic control systems
Dimensions, Approximate: 1 in. high x 2 in. wide x 7 in. deep (25 mm high x 51 mm wide x 177 mm deep)
Operating Temperature Range: 45 F to 99 F (7 C to 37 C)

Shipping Temperature Range: -40 F to +150 F (-40 C to +65 C)
Operating Humidity Range (% RH): 5 to 95% RH, non-condensing
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.
Used With: WEBs-AX I/O Modules

Product Number	Sensor Type	Insertion Length		Description	Comments
		(inch)	(mm)		
C7778A1006/U	10 K ohm NTC Type III non-linear	6 in.	152 mm	6 in. Duct Probe for Return Air 10 K ohm NTC Type III non-linear Temperature Sensor	—
C7778A1040/U	10 K ohm NTC Type III non-linear	6 in.	152 mm	6 in. Duct Probe for Return Air 10 K ohm NTC Type III non-linear Temperature Sensor	6 foot plenum rated cable

T7022A Return Air Temperature Sensor

The T7022 Remote Temperature Sensor is a non-adjustable thermistor sensor. Its primary use is with the T7300 Programmable Commercial Thermostat (only in return air) to control heating or cooling equipment.

Application: Remote Temperature Sensors for use with T7300 thermostats
Dimensions, Approximate: 3/8 in. dia. x 2 3/4 in. long (10 mm dia. x 70 mm long)
Operating Temperature Range: 60 F to 90 F (16 C to 32 C)
Used With: T7300, T7067B, W927

Product Number	Sensor Type	Insertion Length		Description
		(inch)	(mm)	
T7022A1010/U	1420 ohms @ 75 F	2 3/4 in.	70 mm	1420 ohm Remote Temperature Sensor

Honeywell