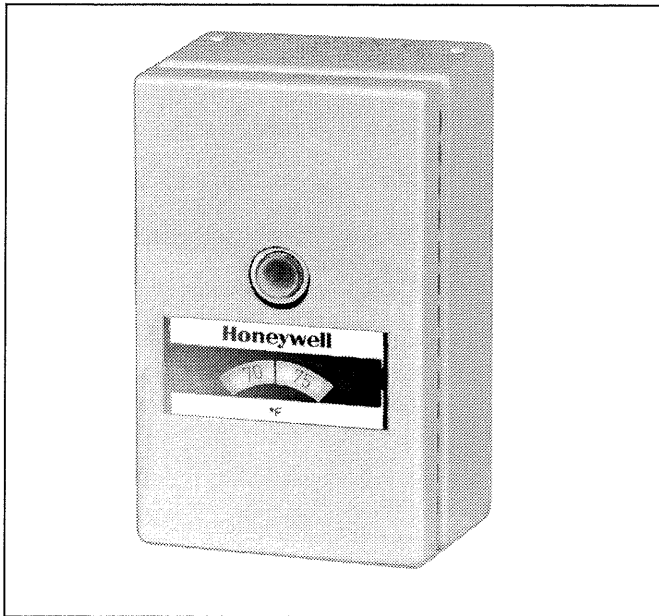


Excel T7515A-D M-Cel™ Space Temperature Sensors

EXCEL 5000[®]
S Y S T E M

SPECIFICATION DATA



FEATURES

- Platinum sensor
- Full setpoint adjustment option
- Override push button/LED option
- Fahrenheit or Centigrade scales

GENERAL

The Excel T7515A-D M-Cel Space Temperature Sensors ("Space Sensors") are platinum Resistance Temperature Devices (RTDs) used with Excel MicroCel™ and MacroCel™ Controllers to control Variable Air Volume (VAV) terminal units, water-source heat pumps, air handling units, and other equipment. Space Sensors are available with or without an integral setpoint adjustment dial and an occupant override push button with status LED. The push button allows setting the heating or cooling system to normal when the control system is in the unoccupied mode. The LED indicates the override status. These Space Sensors are furnished with a connector for local operation of a Excel CCT2190 M-Cel Portable Operator Terminal.



DESCRIPTION

The Excel T7515A-D M-Cel Space Temperature Sensors ("Space Sensors") are platinum Resistance Temperature Devices (RTDs) used with Excel MicroCel™ and MacroCel™ controllers to control Variable Air Volume (VAV) terminal units, water-source heat pumps, air handling units, and other equipment.

Dimensions:

3-3/16 in. (81 mm) high by 2 in. (51 mm) wide by 1-1/2 in. (38 mm) deep

Mounting:

Vertical wall or electrical box

SPECIFICATIONS

Models:

- T7515A M-Cel Space Temperature Sensor
- T7515B M-Cel Space Temperature Sensor with Setpoint Adjustment (F)
- T7515B M-Cel Space Temperature Sensor with Setpoint Adjustment (C)
- T7515C M-Cel Space Temperature Sensor with Override Switch/LED
- T7515D M-Cel Space Temperature Sensor with Setpoint Adjustment (F) and Override Switch/LED
- T7515D M-Cel Space Temperature Sensor with Setpoint Adjustment (C) and Override Switch/LED

NOTE: Cover and mounting plate furnished. See 95-6085 for wall plates, plaster rings, and other accessories.

Sensing Element:

3000 ohms, platinum, positive temperature coefficient, 4.8 ohms per degree F (8.64 ohms per degree of C)

Sensing Range:

32 to 120F (0 to 50C)

Setpoint Scale Range (T7515B and D):

60 to 90F (15 to 30C)

Override Push Button/LED (T7515C and D):

Momentary contact switch with status LED

Connections:

M-Cel Controller: Ten-pin modular connector
CCT2190 M-Cel Portable Operator Terminal:
Modular-type connector

Accessories:

Prefabricated cable assemblies to connect the Space Sensor to the M-Cel Controller:

- AK3322A, 25 ft (7.6m), 6 conductor, for T7515A or B Space Sensor
- AK3323A, 40 ft (12.2m), 6 conductor, for T7515A or B Space Sensor
- AK3319A, 80 ft (24.4m), 6 conductor, for T7515A or B Space Sensor
- AK3320A, 25 ft (7.6m), 10 conductor, for T7515C or D Space Sensor
- AK3321A, 40 ft (12.2m), 10 conductor, for T7515C or D Space Sensor
- AK3318A, 80 ft (24.4m), 10 conductor, for T7515C or D Space Sensor
- AK3324A Polarized Coupling to connect two cable assemblies together for runs longer than 80 ft (24.4m)
- AK3325A Repair Cable Assembly for field replacement of connector end. Consists of 6 in. (152 mm) of cable with connector on one end.

Home and Building Control

Honeywell Inc.
Honeywell Plaza
P.O. Box 524
Minneapolis MN 55408-0524

Home and Building Control

Honeywell Limited-Honeywell Limitée
155 Gordon Baker Road
North York, Ontario
M2H 2C9

Honeywell Asia Pacific Inc.

Room 3213-3225
Sun Hung Kai Centre
No. 30 Harbour Road
Wanchai
Hong Kong

Honeywell Latin American Division

Miami Lakes Headquarters
14505 Commerce Way Suite 500
Miami Lakes FL 33016

Honeywell Europe S.A.

3 Avenue du Bourget
B-1140 Brussels Belgium

Honeywell

