



Platinum PT1000 Temperature Sensors

Bullet Sensor



Wall Mount



Outdoor



Duct Mount



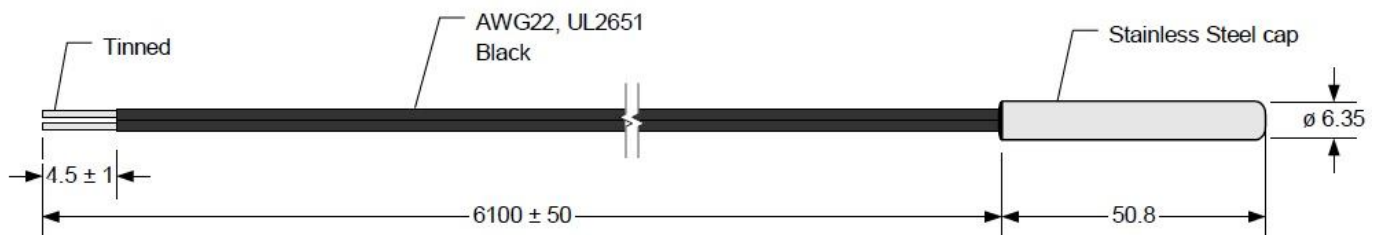
RECS temperature sensors have a proven design that offers an excellent moisture seal between all of the components and deters water from entering. They are constructed for applications in harsh environments where moisture and wide temperature swings can destroy other temperature sensors. With a sturdy, double encapsulated construction, these sensors can handle high humidity and condensing environments. The sensors are commonly used to read air temperature in refrigeration and HVAC applications and come with a standard 20 FT lead wire (601-1000).

The general purpose bullet probe is recommended for temperature range of -50°C to 140°C . This wide working range makes this sensor suitable for reading ambient temperatures, but its accuracy also makes it well suited for precision measurements in narrow range applications like refrigerated cases, walk in cooler/freezers, rack and condenser control.

| $^{\circ}\text{F}$ | $^{\circ}\text{C}$ | Ω |
|--------------------|--------------------|----------|
| -40 | -40 | 843 |
| -22 | -30 | 882 |
| -4 | -20 | 922 |
| 14 | -10 | 961 |
| 32 | 0 | 1000 |
| 50 | 10 | 1039 |
| 68 | 20 | 1078 |
| 86 | 30 | 1117 |
| 104 | 40 | 1155 |
| 122 | 50 | 1194 |
| 140 | 60 | 1232 |
| 158 | 70 | 1270 |
| 176 | 80 | 1309 |
| 194 | 90 | 1347 |
| 212 | 100 | 1385 |

Specifications

Sensing Element: PT1000
 Temperature Range: -40°F to 212°F (40°C to 100°C)
 EN60751 Class: Class B
 Test Voltage: 1500 VAC (Peek)



UNITS: [mm]