

# D07: Flush Wall Plate Temperature Sensor

## Specifications

The D07 provides room temperature measurements in a low profile design. The sensor is incorporated into a stainless steel wall plate to facilitate a minimally intrusive measurement. This design mounts to a standard electrical junction box for easy installation.

### Features and Benefits:

- Application: Room air temperature
- Accuracy: Standard 0.10% of resistance at 0.0°C (32°F)
- Element / Lead Wire Configuration: Single 3 or 4 wire
- Sensor surface: Stainless steel
- Low-profile wall mounted design
- Insulating gasket included for thermal isolation from the wall
- Built in terminal block

### Specifications

- Element Configuration: Single, 100 ohms at 0.0°C(32°F) , 0.00385 ohm/ohm/°C nominal alpha
- Temperature Range: -46°C to 149°C (-50°F to 300°F)
- Insulation Resistance: 100 MΩ, 100 VDC at room temperature

Note: Insulation inside the junction box is recommended for best measurement accuracy.



