TEMPERATURE HUMIDITY SENSOR

PMTX010003

V.1.7 (Aug 2021)

Simple wireless installation

Accurate sensing; high resolution

Maps activity on building plans

Small, discreet sensors

Long battery life (up to 3 years)

Supports Purrmetrix analytics

Purrmetrix sensors are ideally suited to measuring temperature and humidity in interior situations. They have a high accuracy and resolution and report data to the web application in near real time, making them highly suited to monitoring comfort and valuable items. Small in size and easy to retrofit, they can be attached to fixtures or furniture in any location to accurately report conditions for occupiers and important equipment.

FEATURES
- High accuracy and resolution
- 58 x 26 x 9 mm
- Fast update (every 30 secs)
- Can be integrated with Purrmetrix analytics views
- Operating range -10 to +60° C

HARDWARE PERFORMANCE
All sensors are manufactured to give resolution at room temperature of 0.2% RH.

Sensors are typically accurate to +/- 3% between 20 - 80% RH. Outside that range accuracy declines to +/- 4.5% between 80 - 100% RH.

For temperature, sensors have an accuracy of +/- 0.5°C, with a resolution of 0.12°C.

WIRELESS PERFORMANCE
Sensors report data wirelessly to a gateway unit over a range of 40m (max 60m). A gateway unit can collect data from up to 200 sensors.