

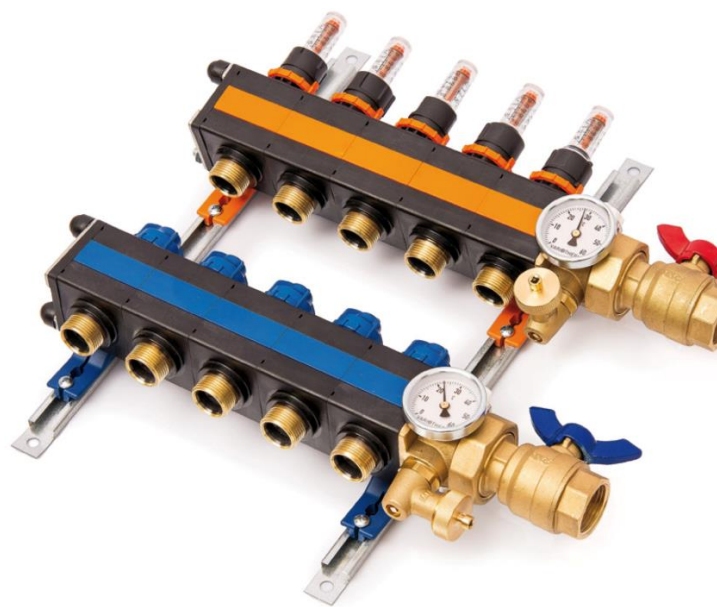
CEO Note: Use of Passive Sensors in Commercial HVAC

A Series of Messages from our CEO... Jo Major

In recent years, passive sensors have penetrated into a wide range of applications including:

- Composite materials
- Smart building materials
- Automotive manufacturing
- Electric grid safety
- Railroad infrastructure

In this note, we touch on the monitoring of commercial HVAC systems.



Why does this matter?

- Leaking HVAC pipes produce catastrophic structural damage
- Even small leaks lead to mold growth and damage to ceilings and walls
- Early detection of problems minimizes maintenance and repair costs

What about HVAC efficiency?

- Sensors monitor temperature - allowing thermal mapping operations
- Anomalous temperatures are promptly identified
- Correction of issues dramatically reduces HVAC energy consumption



Interrogating the sensors? The sensors can be monitored by either handheld units, enabling rapid and convenient solution deployment or with a fixed interrogation infrastructure, ideal for continuous monitoring of critical locations and processes.

Interested in learning more about these sensors and the interrogators?

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