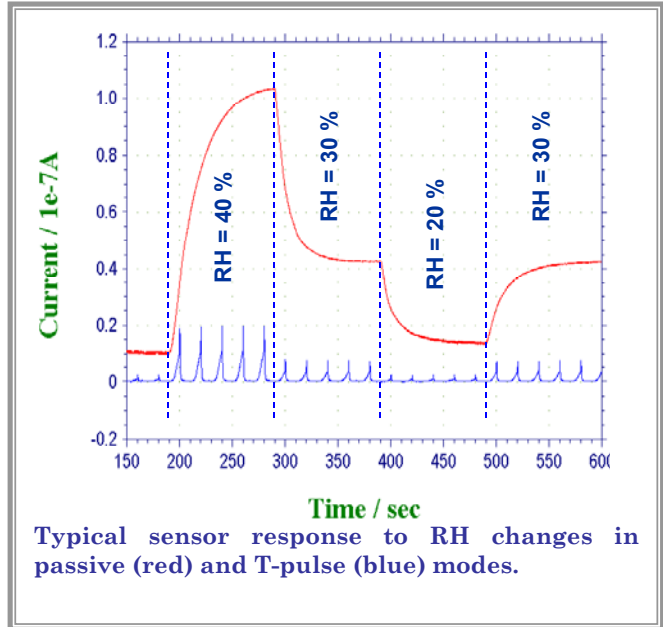


### SENSOR FEATURES:

- High durability
- Regeneration capability
- Broad Temperature Range (-60°C to as high as 500°C)
- High Sensitivity and dynamic range (0.25 – 95% RH)
- Fast response / recovery time (< 15 seconds)
- Repeatability
- Low Power Consumption - less then 100mW in *t-pulse* mode, ~1 mW in *passive* mode



### *t-pulse* mode

- adsorption cycle (heater off) to allow water molecules to adsorb onto the sensing element (2-100 s, depending on desired sensitivity).
- desorption cycle (heater on) to evaporate water molecules from the sensing element (150°C, 5-15 s).

