



BEFORE YOU HANDLE THE RH/T SENSOR OF AN EBC OR CTH

(Important notes for keeping the sensor unharmed)

Humidity sensors are especially designed to detect water vapour, however, they may be sensitive to other gas molecules, too. Gaseous solvents are generally known to contaminate the sensor element if concentration is high and if exposed for a long time. Contamination may offset the humidity reading. Furthermore, as a sensitive electronic component, the sensor requires careful handling in general. Therefore, it is strongly recommended to mind and adhere to the following instructions, so as to experience performance without interrupt or exception:

- ☐ Make sure the environment is well ventilated when unpacking the sensor and while storing or handling it. In doing so, you can make sure the sensor will never be exposed to high concentrations of volatile solvents.
- ☐ Make sure that ESD (electrostatic discharge) protection is applied while the sensor is handled.
- ☐ Make sure that the sensor does not get in contact with any sort of cleaning agents, sprays (for colouring, cleaning, coating,...) or any other chemicals (you may cautiously dust off or vacuum clean the sensor, if need be).
- ☐ Please be aware that curing epoxies, glues etc. out-gas aggressive solvents. If possible add the sensor as a last assembly step of your case and after all epoxies have cured. This especially applies to newly assembled showcases.
- ☐ Avoid out-gassing plastics (bubble foils, foams, foam plastic etc.) in close vicinity to the sensor.
- ☐ Do not use adhesive tape or glue to fix the sensor inside your case (a clip for fastening the sensor housing has been added to your delivery).
- ☐ Do not alter the delivered sensor assembly in any way (housing, cable, ferrite core etc.).

We use high quality humidity and temperature sensors from "Sensirion - The Sensor Company" (www.sensirion.com).