

## RHT MEASURING TIPS



ITS provides three different tips for RHT products. All of them are interchangeable and can be used in our relative humidity (RHT) measuring transmitters and data loggers. They are:

- Polyamide tip (see **Fig. 1**). With side openings (tears) that allow the flow from environment to the sensor element. This tip comes along with all products.
- High Density Polyethylene (PE) Tip (see **Fig. 2**). Produced in porous material, protects the sensor element from dust and other solid particles. However, by reducing the contact windows with the environment to be measured, the response time tends to be higher than when using Polyamide tips (see **Note 1**).

Ordering code: 8803900110

- Sintered Bronze Tip (see **Fig. 3**): Produced in porous material, protects the sensor element from dust and other solid particles like Polyethylene Tip, but with the advantage of a greater mechanical strength. However, by reducing the contact windows from the environment to be measured, the response time tends to be higher than when using Polyamide Tip (see **Note 1**).

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**Note 1:** Such increment in response times depends, among other things, on the air (or gas) flow speed where the sensor is inserted.

## INSTALLATION

1. Remove the tip from the device by carefully unscrewing it. Make sure that only the tip should turn around when unscrewed (see **Fig. 4**).
2. The sensor's circuit board will be exposed. Avoid touching it!
3. Screw the new tip carefully. It is not necessary to force the final screwing.

## TIP MODELS:

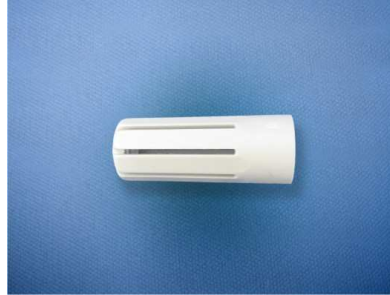


Fig. 1 – Polyamide tip



Fig. 2 – PE tip



Fig. 3 – Sintered bronze tip

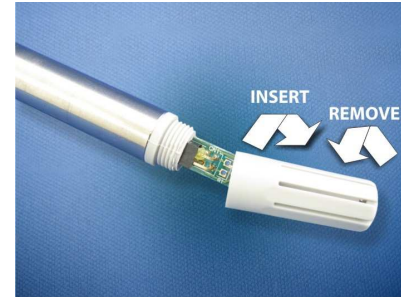


Fig. 4 – Installation of the tip in the device

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