

# RHT

Relative Humidity and Temperature  
Wireless Sensor



## Specifications

<b>Battery Lifetime</b>	10 years (estimated)
<b>Frequency</b>	433.92 MHz
<b>Operating Temperature</b>	-40 °C to +85 °C
<b>Temperature Accuracy</b>	±0.4 °C max. (0 °C to 60 °C) ± 1.2 °C (-40 °C to 85 °C)
<b>Humidity</b>	0–100 % RH
<b>Humidity Accuracy</b>	Max. ±2 % RH (20–80 %) Max. ±5 % RH (0–100 %)
<b>Humidity Hysteresis</b>	±1 % RH
<b>Wireless Sensors</b>	Relative Humidity (RH), Temperature, RFID tag
<b>Batteries</b>	Saft LS 14250 primary lithium cell
<b>Dimensions</b>	Ø56.5 mm (base) Ø40.6 mm (top) 20.5 mm (thickness)
<b>Weight</b>	41 g
<b>IP Rating</b>	IP65
<b>Material</b>	Delrin (POM-C) Food Grade (90/128/EEC)
<b>HS (TARIC) Code</b>	8523 59 XX XX*
<b>Standards</b>	EN 301 489 – 3 : 2002 V1.4.1 EN 300 220 – 2007 : V2.1.2
<b>Directives</b>	CE Marking RoHS certified

\* Last 2-4 digits vary outside the EU. Find HS code for your region on the EU webpage Access2Markets: <https://trade.ec.europa.eu/access-to-markets/>

The **RHT tag** is a wireless sensor for relative humidity and temperature measurement. It extends the built-in sensing capabilities of Trusted IoT data tracking and monitoring devices.

Data from the RHT sensor tag is transmitted wirelessly to a connected data tracking device, which logs, stores, and transmits data to servers.

RHT tags are IP65-rated and suitable for use in logistics, heavy-haul industry, or sensitive installations, providing high-precision humidity and temperature measurements.

The internal battery has an estimated lifetime of up to 10 years.

Up to four RHT tags can be assigned to a single standard Trusted IoT tracking device.

See relevant product sheets for external tag compatibility.

