


Humidity Sensor [Weather Station]



Attention:

The Humidity Sensor is part of the [Weather Station](#).

Summary

The HMP45D probe is designed for the measurement of relative humidity and temperature. Humidity measurement is based on the capacitive thin film polymer sensor HUMICAP180. Temperature measurement is based on resistive platinum sensors (Pt 100). Both the humidity and temperature sensors are located at the tip of the probe and in standard version protected by a membrane filter.

Manufacturer	Vaisala
Model	HMP45D
Serial No.	n/a
Type	meteorological package
REGISTRY-Link	REGISTRY (2371)



Contacts

Name	Institution	Role
Henry Kleta	Deutscher Wetterdienst (DWD)	Data Provider

Position

Info	no xyz-position given. The device is installed on the starboard side of the main mast.
X	0.0 (no unit given) (no description given)
Y	0.0 (no unit given) (no description given)
Z	0.0 (no unit given) (no description given)

Parameters

Parameter	O2ARegistry Output Type	Unit
humidity	relative humidity	%

Documentation

- [HMP45d user guide \(Factsheet, 417 kB\)](#)