

Humidity Detector (HP -25MK)

General Description

A humidity detector, also referred to as a humidity meter or humidity gauge, is a device with a humidity sensor that measures the relative humidity in the air. Picars Instruments offers a number of humidity detector products including handheld humidity detector, data recording or data logging humidity detector, and combination or multifunction humidity detector devices that also measure parameters such as room or ambient temperature and atmospheric or barometric pressure. A humidity detector can measure relative humidity (RH) as a percentage (%) from 0 to 100 % RH, depending on the humidity measurement range of the specific model.



Features and Electrical Specifications:

- Battery Warning: $V < 2.2V$
- Sensitivity: -92 dBm
- Output power: +3 dBm

Technical Specifications/ Parameters:

- Range: 0 to 100% RH
- Working Frequency: 433MHz
- Resolution: 1% RH (accuracy 3%, 20-80% RH)
- Battery: 2 x AA, exchangeable
- Battery life: 2 years, reporting every 5 minutes
- Resolution: 0.1 Volt
- Dimensions: 70 x 70 x 21 mm