

Humidity & Temperature Outdoor 1-Wire sensor

A simple digital temperature and humidity sensor for indoor and outdoor usage. The sensor is designed for using with the Poseidon2, Ares, HWg-STE and other HW group products.

You can have several parallel sensors on one RJ11 sensor port. Each one sensor is identified by a unique serial number.



Technical parameters

- **Sensor measured range** **-30°C to +85°C (-22°F to +185°F)**
0-100% RH (Relative Humidity)
- Temp. sensor resolution 0.1 °C
- Temp. measuring accuracy $\pm 0.8\text{ °C}$ in range from +20°C to +40°C
 $\pm 2.5\text{ °C}$ in range from -30°C to +85°C
- RH Accuracy $\pm 5\%$ RH, 20-80%RH non-condensing, 25 °C
- RH Linearity <2% RH typical
- RH Hysteresis $\pm 2\%$ RH
- RH Repeatability $\pm 0.2\%$ RH
- Communication 1-Wire bus (Data, GND, +5V) - RJ11 male
- Probe dimension & cable Ø 15 mm, 108 mm long, cable 3m
- Mounting clip (w / h / d) 25 / 35 / 15 mm; screw hole 1x Ø 5.4 mm
- Outdoor usage Avoid placing the sensor to direct rain exposure

Similar sensors overview

HTemp-1Wire Outdoor 3m	<i>Temperature & Humidity outdoor sensor, 3m cable RJ11 connector.</i>
HTemp-1Wire 3m	<i>Temperature & Humidity sensor, 3m cable RJ11 connector.</i>
HTemp-1Wire Box2	<i>Temperature & Humidity sensor, 2x RJ12 female (can be daisy-chained). Boxed version designed for internal usage</i>
HTemp-1Wire Rack19	<i>Temperature & Humidity sensor, 2x RJ12 female (can be daisy-chained). Designed for 19" rack cabinets usage.</i>