

DATASHEET



DIGITAL HYGRO THERMO METER

SKU: EP0201039



PRODUCT INFORMATION

Technical Data:

Measuring range: Temperature: -20.0 ... +70.0 °C Humidity: 10.0 ... 95.0 % RH.

(recommended operating range: 30 to 80 %RH)

Resolution: Temperature: 0.1 °C Humidity: 0.1 % RH.

Accuracy: (± 1 Digit) Temperature: ± 0.5 % v.MW. ± 0.1 °C (like Pt1000 1/3 DIN) (at nominal temperature = 25 °C)
Humidity: ± 3 % RF. (range: 30 ... 80 % RF.)

Sensor: Temperature: Pt1000 Humidity: capacitive polymer moisture sensor

Response time: T90 = 15 sec.

Display: Approx. 13 mm high, 3½-digit LCD-display

Control: Slide switch to select measurement

Nominal temperature: 25°C

Operating range: Electronics: -20 ... 70 °C; 0 ... 80 % RH. (not dewing) , Sensors: -20 ... 70 °C; 0 ... 100 % RH.

Power supply: 9V-battery type

Power usage: Approx. 0.1mA

Battery change display: Automatic for used battery "BAT"

Housing: Stable ABS-housing: approx. 106 x 67 x 30 mm (H x W x D), additionally extruding sensor head, 35mm high, 14mm \varnothing , full height 141 mm.

Weight: Approx. 135 g incl. battery



PRODUCT INFORMATION

Contents:

- Digital hygro-/thermometer GFTH 95
- 9V-battery
- Manual

Battery use:

If "BAT" shows up in the lower left corner the battery is close to empty and needs to be changed. But for a short while the device will still remain usable. If the display show "BAT" the battery is fully used up and needs to be charged to continue working.

Safety:

Safety regulations for electronic measuring devices. Impeccable functionality and safety can only be ensured if the user is abiding by safety regulations and device specific safety-notice as laid out in the manual.

Safety notices:

Functionality and safety can only be ensured if climate conditions, as stated in „Technical data“, are adhered by. If the device is transported from a cold to a warm working area, condensation can happen inside the device, which can lead to malfunction. In a case like this waiting for the device to reach surrounding temperatures before using is advised.

Selection of measurement:

Temp. ► Slide switch up: The device shows the current temperature

% RH ► Slide switch down: The device show the current humidity

System messages:

If the measuring range is exceeded, etc., the system will show the following messages:

Er. 1 = The measuring range for the selected size has been exceeded

Er. 2 = The measuring range for the selected size is too low

Er. 7 = System error - The device has detected a system error

**Weller****Erem****Xcelite****STANNOL****Stabo****MECHATRONIC
SYSTEMS****Vision
ENGINEERING****VIKING****ESD Safe Equipment**