

HUMIDITY/TEMPERATURE/DEW POINT INDICATOR

Model 5646A



Operating Instructions

1/14



electro-tech systems, inc.

www.electrotechsystems.com

3101 Mt. Carmel Avenue, Glenside, PA 19038 • Tel: (215) 887-2196 • Fax: (215) 887-0131



- ① Multi-purpose clip
- ② Holder for positioning stick in duct
- ③ 0.6 oz Dia.
The humidity sensor is protected by a quick twist of the bottom of the probe stem → the protective cap is closed. Should only be left open for the duration of the measurement.
- ④ Swivel head. The display can always be read.

Commissioning

Remove the protective film on the display.

Switching on

- On Press button:



Segmenttest



Segmenttest



Current reading

Changing the parameters

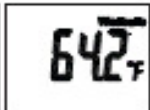
- On Press button repeatedly:



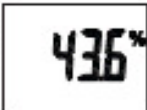
Temperature



Dew point



Wet bulb



Humidity

Switching off

- On Keep button pressed for 3 seconds.

Selecting between °C/°F

- On When switching on keep button pressed until the segment test is finished, instrument switches to configuration menu. Press button again the instrument alternates between °C and °F. Wait

2 sec. before pressing the button again. The selected unit then applies.

Technical data

Type of application:	Short measurement
Measuring range:	5 to 95 %RH / +32 to +122 °F/-4 to +122 °F td
Resolution:	.01 %RH / 0.1 °F
Accuracy:	(System accuracy at 25 °C / +77 °F) ±3 %RH / ±0.9 °F
Parameters:	%RH, °C, °F
Ambient temperature:	32 to +122 °F
Storage temperature:	-4 to +160 °F
Battery type:	3 x AAA
Battery lifetime:	Approx. 1000 h
Probe stem:	0.6 in
Length:	4.9 in
Warranty:	2 years
CE guideline	2004/108/EWG

Please read before using instrument

- Avoid condensation
- Observe measurement ranges of sensor
- Do not exceed maximum storage and operating temperatures (e.g. protect measuring instrument from direct sunlight).
- Inexpert handling cancels your warranty.

Changing the battery



The battery has to be changed if the symbol appears in the display during the measurement.

- ✓ Instrument is switched off.

- 1 Open battery compartment cover.
- 2 Remove spent batteries and insert new batteries (3 x AAA) into the battery compartment. Observe polarity!
- 3 Close battery compartment cover.

Auto Off function

- If no button has been pressed in approx. 10 minutes, the instrument switches itself off automatically.