

Hygrothermometer for Humidity and Temperature Measurement

TFH 610



TFH 610

Technical Data

Type	TFH 610
Measurement range: Humidity	0° % rH ... 100 % rH
Measurement range: Temperature	0 °C ... +50 °C (32 °F ... 122 °F)
Accuracy: Humidity	±2.5 % rH (from 10 % ... 90 %)
Accuracy: Temperature	±0.5 °C (±0.9 °F)
Resolution: Humidity	0.1 %
Resolution: Temperature	0.1 °C (0.2 °F)
Operating temperature	0 °C ... +50 °C (32 °F ... 122 °F)
Storage temperature	-25 °C ... +60 °C (-13 °F ... 140 °F)
Protection class	IP 40
Dimensions (L x W x H)	115 x 54 x 22 mm
Housing material	ABS
Weight	approximately 90 g
Display	LCD
Sensor humidity	capacitive
Sensor temperature	thermistor
Sensor position	internal
Probe connection	fixed connection
Number of measurement channels	2
Battery	lithium battery 3.0 V, 1000 mAh
Battery lifetime	up to 5 years
Sampling rate	1 s - 15 s



Applications

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| <ul style="list-style-type: none"> • Production • Storage • Trade | <ul style="list-style-type: none"> • Computer rooms • Environmental control | <ul style="list-style-type: none"> • Food products industry • Laboratory • Maturing room |
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Attributes

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| <ul style="list-style-type: none"> • Robust and impact resistant • High accuracy | <ul style="list-style-type: none"> • Factory calibration certificate • °C / °F switchable | <ul style="list-style-type: none"> • Battery indicator • Automatic shut off |
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Description	Type	Part No.
Hygrothermometer (including probe)	TFH 610	1340-5610