

# Hygrothermometer for Humidity and Temperature Measurement

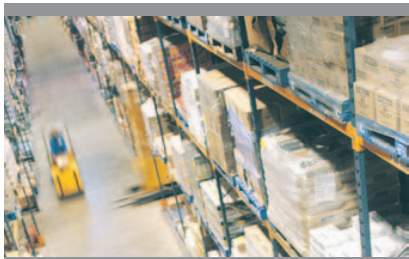
## TFH 620



TFH 620

### Technical Data

| Type                        | TFH 620                           |
|-----------------------------|-----------------------------------|
| Measuring range humidity    | 0% rH ... 100% rH                 |
| Measuring range temperature | 0°C ... +60°C (32°F ... 140°F)    |
| Accuracy humidity           | ±2% rH (from 5% ... 95%)          |
| Accuracy temperature        | ±0.3°C (±0.5°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 67 (device without probe)      |
| Dimensions                  | 115 x 54 x 22 mm                  |
| Housing                     | ABS                               |
| Weight                      | approx. 90 g                      |
| Display                     | LCD                               |
| Humidity sensor             | capacitive                        |
| Temperature sensor          | Pt 1000                           |
| Sensor position             | external, removable probe         |
| Number of channels          | 2                                 |
| Battery                     | lithium button cell 3.0 V/1000mAh |
| Battery lifetime            | up to 5 years                     |
| Measuring rate              | 1s - 15s                          |

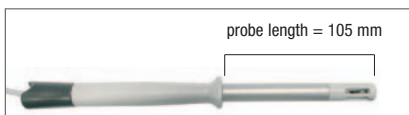


### Applications

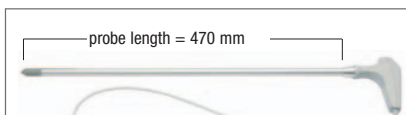
- Humidity and temperature measurement
- Storage monitoring
- Laboratory
- Environment monitoring
- Computer rooms

### Attributes

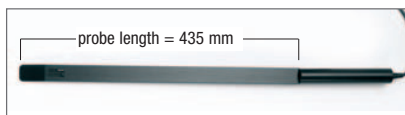
- Reliable and precise
- Robust and impact resistant
- Automatic deactivation
- Switchable between °C / °F
- HOLD, MIN / MAX
- Dew point calculation
- Factory calibration certificate
- Battery charge indicator
- Wet-bulb temperature calculation



TPH 100



TPH 200



TPH 300

| Description                             | Type              | Part No.  |
|-----------------------------------------|-------------------|-----------|
| Hygrothermometer (without probe)        | TFH 620           | 1340-5620 |
| Hygrothermometer with air probe         | TFH 620 + TPH 100 | 1340-5621 |
| Hygrothermometer with penetration probe | TFH 620 + TPH 200 | 1340-5622 |
| Hygrothermometer with blade probe       | TFH 620 + TPH 300 | 1340-5623 |
| Calibration case for TFH 620            | AH 600            | 1340-5097 |