

## EBI 25-TX Wireless Temperature Data Logger for high and low temperatures



### Technical Data

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Measurement range      | -200 °C ... +199.9 °C (-328 °F ... +391.8 °F)                                                                           |
| Accuracy*              | ±2 °C (-200 °C ... -100 °C)<br>±0.5 °C<br>(-100 °C ... -20 °C and +60 °C ... +199.99 °C)<br>±0.2 °C (-20 °C ... +60 °C) |
| Probe                  | Ø 5 mm, L = 50 mm, with 3m PTFE cable                                                                                   |
| Probe connection       | Binder, series 620                                                                                                      |
| Sensor                 | Pt 1000                                                                                                                 |
| Protection class       | IP 67                                                                                                                   |
| Dimensions (L x W x H) | 135 x 48 x 27 mm (without probe)                                                                                        |

\*Accuracy only applies when using an adjusted probe

| Type       | Description                                     | Part No.  |
|------------|-------------------------------------------------|-----------|
| EBI 25-TX  | Temperature data logger (with probe TPX 25-3)** | 1340-6204 |
| EBI 25-TX  | Temperature data logger (without probe)         | 1340-0025 |
| TPX 25-3   | Pt 1000 probe for EBI 25-TX, 3 m                | 1341-0025 |
| TPX 25-5   | Pt 1000 probe for EBI 25-TX, 5 m                | 1341-0026 |
| TPX 25-7,5 | Pt 1000 probe for EBI 25-TX, 7,5 m              | 1341-0027 |
| TPX 25-10  | Pt 1000 probe for EBI 25-TX, 10 m               | 1341-0028 |

\*\* Calibration certificate valid only for logger and probe.

## EBI 25-TH Wireless Temperature / Humidity Data Logger with external humidity sensor



Filter caps for the protection of the humidity probe available;  
see page 146.

### Technical Data

|                                |                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Measurement range: Temperature | -30 °C ... +60 °C (-22 °F ... +140 °F)                                                                                    |
| Measurement range: Humidity    | 0% rH ... 100% rH                                                                                                         |
| Accuracy: Temperature          | ±0.5 °C<br>at -20 °C ... +40 °C (±0.9 °F at -4 °F ... 104 °F)<br>±0.8 °C (±1.4 °F)<br>for the remaining measurement range |
| Accuracy: Humidity             | ±3 % rH (10 % ... 90 %)                                                                                                   |
| Sensor                         | NTC for temperature / capacity humidity sensor                                                                            |
| Protection class               | IP 20                                                                                                                     |
| Dimensions (L x W x H)         | 124 x 48 x 27 mm (with probe)                                                                                             |

| Type      | Description                                   | Part No.  |
|-----------|-----------------------------------------------|-----------|
| EBI 25-TH | Wireless temperature / humidity logger        | 1340-6202 |
| AH 100    | PTFE filter for EBI 25-TH                     | 1340-5627 |
| AH 200    | Bronze sintered filter for EBI 25-TH          | 1340-5626 |
| AH 300    | Stainless steel sintered filter for EBI 25-TH | 1340-5625 |