



# Temperature Data Logger EBI 12

for food control during pasteurization

## BLUE LINE

## EBI 12-T463

The EBI 12 data logger is designed for temperature measurement in bottles and beverage cans is suitable.

- High-quality stainless-steel housing
- Axial design
- M10 thread for attachment to the probe
- Application range from -55 °C to +150 °C
- High temperature accuracy of up to  $\pm 0.1$  °C
- Version with two measuring channels
- Temperature sensor 6 mm, rigid

### Technical Data:

|                                 |  |
|---------------------------------|--|
| Operating temperature           | -55 °C ... +150 °C   |
| Measurement range               | -55 °C ... +150 °C   |
| Accuracy                        | $\pm 0.5$ °C (-55 °C ... -40 °C)<br>$\pm 0.2$ °C (-40 °C ... 0 °C)<br>$\pm 0.1$ °C (0 °C ... +150 °C)  |
| Resolution                      | 0.01 °C  |
| Data memory                     | 2x 13,920 measurements   |
| Sensor                          | PT1000, class A  |
| Measurement interval            | 1 s ... 24 hours   |
| Real-time data transmission     | No   |
| Storage temperature             | -20 °C ... +70 °C  |
| Measurement modes               | <ul style="list-style-type: none"> <li>• endless measurement</li> <li>• measurement from the start time</li> <li>• Measure software until memory is full</li> <li>• Start- / Stop measurement</li> </ul> |
| Battery                         | Lithium, 3.6 V,<br>User-replaceable  |
| Dimensions                      | ( $\varnothing$ x H) 48 mm x 24 mm   |
| Weight                          | app. 90 g  |
| Housing material                | 316 L stainless steel / PEEK   |
| Protection class                | IP68   |
| Factory Calibration Certificate | -20 °C, 0 °C, +60 °C and +121 °C   |



### Standards and Directives:

- (EC) 1935/2004  
Materials and articles which come into contact with food
- 2014/53/EU  
Radio Equipment Directive RED

| Type        | Description                  | Part No.  |
|-------------|------------------------------|-----------|
| EBI 12-T463 | radial, 245 mm needle length | 1340-6625 |