



# Temperature Data Logger EBI 12

for food control during pasteurization

## BLUE LINE

## EBI 12-T465

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) $\pm 0.2$ °C (-40 °C ... 0 °C) $\pm 0.1$ °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, 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:

- FCM EN 1935/2004  
Food Material Contact
- 2014/53/EU  
Radio Equipment Directive RED
- DIN EN 301 489  
Electro Magnetic Compatibility (EMC)

Type	Description	Part No.
EBI 12-T465	radial, 300 mm needle length	1340-6627