



# Temperature Data Logger EBI 12

for monitoring, process and routine control as well as temperature mapping

## BLUE LINE

## EBI 12-T102

The EBI 12 data logger is distinguished by its robustness and versatility.

This logger was specially developed for temperature measurement in the range around -80 °C.

- High-quality stainless-steel housing
- Operating range from -90 °C to +60 °C
- High temperature accuracy of up to  $\pm 0.3$  °C
- sterilizable



### Technical Data:

Operating temperature	-90 °C ... +60 °C
Measurement range	-90 °C ... +60 °C
Accuracy	$\pm 0.5$ °C (-90 °C ... -40 °C) $\pm 0.3$ °C (-40 °C ... +60 °C)
Resolution	0.01 °C
Data memory	27,840 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>• Measure upon starttime</li> <li>• Start immediately until end of memory</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	-80 °C, 0 °C and +60 °C

### Standards and Directives:

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

Type	Description	Part No.
EBI 12-T102	Data Logger with internal sensor	1340-6636