



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 ± 0.3 °C
- sterilizable



Technical Data:

Operating temperature	-90 °C ... +60 °C
Measurement range	-90 °C ... +60 °C
Accuracy	± 0.5 °C (-90 °C ... -40 °C) ± 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	• endless measurement • Measure upon starttime • Start immediately until end of memory • Start- / Stop measurement
Battery	Lithium, 3.6 V, User-replaceable
Dimensions	(Ø 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
- FCM EN 1935/2004
Food Material Contact
- DIN EN 301 489
Electro Magnetic Compatibility (EMC)

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