



Temperature Data Logger EBI 12

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

BLUE LINE

EBI 12-T103

Rugged temperature data logger for regular, independent routine checks in the medical field, in healthcare, and during production.

- High-quality stainless-steel housing
- Measurement range from -82 °C to 150 °C
- High temperature accuracy of up to ± 0.05 °C
- Wireless measurement
- Sterilizable data logger
- Rugged data logger



Technical Data:

Operating temperature	-90 °C ... +150 °C
Measurement range	-82 °C ... +150 °C
Accuracy	± 0.5 °C (-82 °C ... -40 °C) ± 0.2 °C (-40 °C ... 0 °C) ± 0.1 °C (0 °C ... +120 °C) ± 0.05 °C (+120 °C ... +140 °C) ± 0.1 (+140 °C ... +150 °C)
Resolution	0.01 °C
Storage capacity	100,320 measurements
Sensor	PT1000, Class A
Measurement interval	250 ms ... 24 hours
Real-time data transmission	No
Storage temperature	-20 °C ... +70 °C
Measurement modes	• Endless measurement • Measure upon start time • 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	IP68
Factory Calibration Certificate	-20 °C, 0 °C, +60 °C and +134 °C

Standards and Directives:

- ISO 15883 Washer Disinfectors
- 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-T103	Internal	1340-6690-0100