

Mini-Temperature-/ Pressure Logger EBI 11

for food safety und pasteurization control

RED LINE

The miniature pressure datalogger of the EBI 11 series with a M5 thread-connection is excellently suited for temperature and pressure measurements inside of a bottle.

- Compact stainless steel housing material
- Simple attachment
- High accuracy of up to ± 15 mbar
- Temperature compensated pressure measurements over complete area

Technical Specifications

Operating temperature:	0 °C ... +150 °C
Measuring range:	
Temperature:	0 °C ... +150 °C
Pressure:	1 mbar ... 10,000 mbar
Accuracy:	
Temperature	± 0.1 °C (0 °C ... +150 °C)
Pressure	± 15 mbar (0 ... 4,000 mbar) ± 20 mbar (4,000 mbar ... 10,000 mbar)
Resolution:	
Temperature:	0.01 °C
Pressure:	1 mbar
Storage capacity	2x 7,500 Measurements
Sensor	Pt 1000, Class A
Measurement interval	1 sec ... 24 hours.
Storage temperature	-20 °C ... +70 °C
Measurement modus	<ul style="list-style-type: none">• endless measurement• Measure upon starttime• Start immediately until end of memory• Start- / Stop measurement
Battery	Lithium, 2x BR1225A, 3V User-replaceable
Dimensions	(\varnothing x H) 16.5 mm x 48 mm
Weight	app. 45 g
Housing material	316 TI stainless steel
Protection class	IP68
Factory Calibration Certificate	0 °C, +60 °C and +134 °C 100 mbar, 3,100 mbar, 6,000 at +25 °C and 3,100 mbar at +134 °C

EBI 11-TP110



Standards and Directives:

- (EC) 1935/2004
Materials and articles which come into contact with food
- 2014/30/EU
electromagnetic compatibility of equipment

Type	Description	Part-No.
EBI 11-TP110	M5 thread-connection	1340-6297