

## Mini Temperature / Pressure Data Loggers EBI 11 Series

### General technical specifications: valid for all EBI 11-P logger types

Operating temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Accuracy: temperature	±0.1 °C (0 °C ... +150 °C)
Accuracy: pressure	±15 mbar (0 mbar ... 4,000 mbar) ±20 mbar (4,000 mbar ... 10,000 mbar)
Time accuracy (24h)	< 5 sec
Resolution: temperature	0.01 °C
Resolution: pressure	1 mbar
Data memory	7,500 measurement values per channel
Sensor: temperature	Pt 1000, Class A
Sensor: pressure	Piezoresistive (temperature compensated)
Sampling rate	1 sec ... 24 h
Measurement mode	<ul style="list-style-type: none"> <li>• Endless measurement</li> <li>• Start- / Stop measurement</li> <li>• Measure upon start time</li> <li>• Start immediately until end of memory</li> </ul>
Storage temperature	0 °C ... +60 °C (+32 °F ... +140 °F)
Max. operating pressure	20 bar (abs.)
Battery	Lithium, 2x BR1225A, 3V, user replaceable
Dimensions (Ø x H)	16,5 mm x 48 mm*
Weight	Approximately 45 g *
Housing material	Stainless Steel (V4A)
Protection class	IP 68
Certificate	Factory calibration certificate

\* Dimensions and weight may be different depending on the type.



EBI 11-P100 Mini Temperature / Pressure Data Logger  
*internal sensor*



**Technical Data**

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar ... 10,000 mbar
Data memory	2 x 7,500 measurement values
Factory calibration certificate	0 °C, +60 °C and +134 °C 100 mbar, 3100 mbar, 6000 mbar at +25 °C and 3100 mbar at +134 °C

- 1 internal temperature sensor
- 1 internal pressure sensor

Type	Description	Part No.
EBI 11-P100	Without pressure connector	1340-6295

EBI 11-P111 Mini Temperature / Pressure Data Logger  
*Luer-Lock connection*



**Technical Data**

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar ... 10,000 mbar
Data memory	2 x 7,500 measurement values
Factory calibration certificate	0 °C, +60 °C and +134 °C 100 mbar, 3100 mbar, 6000 mbar at +25 °C and 3100 mbar at +134 °C

- 1 internal temperature sensor
- 1 internal pressure sensor

Type	Description	Part No.
EBI 11-P111	Luer-Lock connection	1340-6296

## EBI 11-TP110 Mini Temperature / Pressure Data Logger M5 thread connection



### Technical Data

Measurement range: temperature	0 °C ... +150 °C (+32 °F ... +302 °F)
Measurement range: pressure	1 mbar ... 10,000 mbar
Data memory	2 x 7,500 measurement values
Factory calibration certificate	0 °C, +60 °C and +134 °C 100 mbar, 3100 mbar, 6000 mbar at +25 °C and 3100 mbar at +134 °C

- 1 internal temperature sensor
- 1 internal pressure sensor

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

