

EBI 12-TP451 Temperature / Pressure Data Logger

Flexible cable probes with Luer-Lock-Connection

EBI 12-TP451 Temperature / Pressure Data Logger
Film [download](#)
How to change a battery used with EBI 12 [download](#)

Product Description

Application sample

Sterilization

- Best of small steam sterilizers
- With wire probe
- According ISO EN 17665, EN 285, pr DIN 58929 / DIN EN 13060 und ISO 15883
- Needle length 600 mm, \varnothing 1,2 mm



Part No.: 1340-6643

Technical data

Measuring range	Temperature 0 °C ... +150 °C Pressure 1 ... 4.000 mbar
Accuracy	$\pm 0,1$ °C (0 °C ... +120 °C) $\pm 0,05$ °C (+120 °C ... +140 °C) $\pm 0,1$ °C (+140 °C ... +150 °C) ± 10 mbar (50 mbar ... 150 mbar) ± 10 mbar (2.050 mbar ... 2.250 mbar) ± 10 mbar (3.000 mbar ... 3.250 mbar) ± 15 mbar (for the remaining measuring range)
Resolution	0,01 °C 1 mbar
Storage temperature	0 °C ... +125 °C
Memory	4 x 20.000 measurement values
Sensor	Pt 1000, class A
Sample Rate	250 ms ... 24 h
Probe	3 external temperature sensors, axial, flexible, \varnothing 1.2 mm and 1 internal pressure sensor, piezo resistive
Measured variables	Temperature, pressure
IP Rating	IP 68
Battery	3.6 V lithium battery exchangeable
Dimensions	\varnothing 48 mm x 32 mm
Weight	approx. 120 g
Certificate	Factory calibration certificate

Options

AL 190

AL 190 Silicon cable strap



Part No. 1248-0190

AL 285

AL 285 Logger Check



Part No. 1248-0285

Interface Set SI 1100

2-fold Interface IF 100 for EBI 12, EBI 10, EBI 100 and EBI 11



Part No. 1340-6061

Interface Set SI 2100

2-fold Interface IF 100 for EBI 12, EBI 10, EBI 100 and EBI 11



Part No. 1340-6064

AL 104

Battery Set for EBI12 + EBI 16



Part No. 1100-0118

Interface Set SI 3200

4 fold Interface IF 200 for EBI 12, EBI 10 and EBI 100



Part No. 1340-6068

AL 121

AL 121 opening tool



Part No. 1100-0131

Software

Winlog.validation Software

Winlog.validation Software



Part No. 1340-2394

Hardware requirements	Processor: Pentium 1 GHz, Main memory: 1 GB, Free hard disk space: 1 GB, USB
Software requirements	Windows Vista (32 bit or 64 bit), Windows 7,8,10 (32 bit or 64 bit)

[Winlog.pro Software](#)

Winlog.pro - The general software for programming and evaluation of ebro data loggers

Part No. 1340-2355



Hardware requirements	Processor: Pentium 1 GHz, Main memory: 1 GB, Free hard disk space: 1 GB, USB
Software requirements	Windows Vista (32 bit or 64 bit), Windows 7,8,10 (32 bit or 64 bit)
Further requirements	Resolution: 1024x768

[Winlog.med Software](#)

Software (Standard-Software for the CSSD)

Part No. 1340-2363



Hardware requirements	Processor: Pentium 1 GHz, Main memory: 1 GB, Free hard disk space: 1 GB, USB
Software requirements	Windows Vista (32 bit or 64 bit), Windows 7,8,10 (32 bit or 64 bit)