

# Temperature-/Humidity Logger

## EBI 20-TH1

**NEW** 40,000  
Memory Capacity



### Technical Data

Type	EBI 20-TH1
Measuring range temperature	-30°C ... +60°C (-22°F ... 140°F)
Measuring range humidity	0 %rH ... 100 %rH
Accuracy temperature	±0.5°C at -20°C ... +40°C (±0.9°F at -4°F ... 104°F) ±0.8°C (±1.4°F) for the remaining measuring range
Accuracy humidity	±3 % rH (10% rH ... 90 % rH)
Resolution temperature	0.1°C (0.2°F)
Resolution humidity	0.1% rH
Memory	40,000 values
Channels	channel 1: temperature channel 2: relative humidity
Sensor	NTC, capacitive humidity sensor, absolute pressure sensor
Operating temperature	-30°C ... +60°C (-22°F ... 140°F)
Measuring rate	1 min ... 24 h
Memory mode	endless measurement, start/ stop measurement
Battery	3V lithium (CR2450), exchangeable by user
Battery lifetime	> 24 months, measuring rate 15 min. at +25°C (77°F)
Protection class	IP 52
Housing material	ABS
Dimensions	69 x 48 x 22 mm

EBI 20-TH1



### Applications

- Safe temperature, air pressure and humidity recording
- Transport
- Storage monitoring
- Refrigerating and cooling rooms
- Laboratory

### Attributes

- Excellent price / performance ratio
- No network connection required
- Automatic recording of temperature and humidity
- Stores 40,000 measuring values
- Programming and evaluation with PC

Description	Type	Part No.
Temperature /humidity logger	EBI 20-TH1	1601-0044
Temperature /humidity logger set*	EBI 20-TH1-Set	1601-0048
Interface for EBI 20	EBI 20-IF	1601-0020
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM-1	1601-0033

\*(logger, evaluation software, interface)