

# Temperature Logger with external probe

## EBI 20-TE1



### Technical Data

Type	EBI 20-TE1
Measurement range	-30 °C ... +60 °C (-22 °F ... 140 °F)
Accuracy	±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 measurement range
Resolution	0.1 °C (0.2 °F)
Memory	1 channel, 40,000 measurements
Sensor	NTC
Operating temperature	-30 °C ... +60 °C (-22 °F ... 140 °F)
Sampling rate	1 min to 24 h
Memory mode	<ul style="list-style-type: none"> <li>· endless measurement</li> <li>· start immediately until end of memory</li> <li>· start / stop measurement</li> <li>· start with key press</li> </ul>
Battery	3V lithium (CR2450), user replaceable
Battery lifetime	> 24 months, Sampling rate 15 min. at +25 °C (77 °F)
Protection class	IP 67
Housing material	ABS
Dimensions (L x W x H)	69 x 48 x 22 mm
Weight	45 g
Certificate	Factory calibration certificate

EBI 20-TE1



### Applications

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• Reliable temperature recording</li> <li>• Core temperature measurement</li> <li>• Annual memory</li> </ul> | <ul style="list-style-type: none"> <li>• Transport</li> <li>• Storage monitoring</li> <li>• Refrigerating and deep-freeze rooms</li> </ul> | <ul style="list-style-type: none"> <li>• Refrigerated display cases</li> </ul> |
|---|--|--|

### Attributes

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• External probe for measuring core temperature</li> <li>• Excellent price / performance ratio</li> </ul> | <ul style="list-style-type: none"> <li>• Automatic recording of temperature data</li> <li>• Stores 40,000 measurements</li> <li>• According to DIN EN 12830</li> </ul> | <ul style="list-style-type: none"> <li>• Programming and evaluation with PC</li> <li>• Waterproof</li> <li>• Factory calibration certificate</li> </ul> |
|--|--|---|

Description	Type	Part No.
Temperature logger with external probe	EBI 20-TE1	1601-0043
Temperature logger set* (logger, evaluation software, interface)	EBI 20-TE1-Set	1601-0047
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