

## EBI 20-T1 Standard Temperature Data Logger with internal temperature sensor



### Technical Data

Measurement range	-30 °C ... +70°C (-22 °F ... +158 °F)
Accuracy	±0.5 °C (-20 °C ... +40 °C) / ±0.9 °F (-4 °F ... 104 °F) ±0.8 °C (±1.4 °F) for the remaining measurement range
Data memory	1 channel, 40,000 measurements
Sensor	NTC
Sampling rate	1 min to 24 hours
Protection class	IP 67

Type	Description	Part No.
EBI 20 T1	Temperature logger	1601-0042

## EBI 20-TE1 Standard Temperature Data Logger with external probe



### Technical Data

Measurement range	-30 °C ... +70°C (-22 °F ... +158 °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
Data memory	1 channel, 40,000 measurements
Sensor	NTC
Sampling rate	1 min to 24 h
Protection class	IP 67

Type	Description	Part No.
EBI 20-TE1	Temperature logger with external probe	1601-0043

## EBI 20-TF Standard Temperature Data Logger with external probe up to +100 °C (+212 °F)



### Technical Data

Measurement range	0 °C ... +100 °C (+32 °F ... +212 °F)
Accuracy	±0.5 °C (+50 °C ... +100 °C) ±1 °C for the remaining measurement range
Data memory	1 channel, 8000 measurements
Sensor	NTC
Storage temperature	-40 °C ... +70 °C / -40 °F ... 158 °F (logger) -40 °C ... +110 °C / -40 °F ... 230 °F (probe)
Sampling rate	Adjustable from 1 sec to 24 hours
Protection class	IP 67

Type	Description	Part No.
EBI 20-TF	Temperature data logger with external probe	1601-0010

## EBI 20-TH1 Standard Temperature / Humidity Data Logger with internal humidity sensor



### Technical Data

Measurement range: humidity	0 % rH ... 100 % rH
Accuracy: humidity	±3% rH (10% rH ... 90% rH)
Measurement range: temperature	-30 °C ... +70°C (-22 °F ... +158 °F)
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 measurement range
Data memory	40,000 measurements
Channels	channel 1: relative humidity, channel 2: temperature
Sensor	NTC, capacitive humidity sensor
Sampling rate	1min ... 24h
Protection class	IP 52

Type	Description	Part No.
EBI 20-TH1	Temperature/Humidity Data Logger	1601-0044

## Sets and Accessories for EBI 20



**EBI 20-T1-Set** Temperature logger set (temperature logger, evaluation software, interface)



**EBI 20-TE1-Set** Temperature logger set (logger with external probe, evaluation software, interface)



**EBI 20-TF-Set** Temperature logger set (logger with external probe up to +100 °C (+212 °F), evaluation software, interface)



**EBI 20-TH1-Set** Temperature Humidity Logger Set (Logger, Evaluation software, Interface)



**EBI 20-IF** Interface



**EBI 20-WM** wall bracket



**EBI 20-WM-1** truck wall bracket

Type	Description	Part No.
EBI 20-T1-Set	Temperature logger set (temperature logger, evaluation software, interface)	1601-0046
EBI 20-TE1-Set	Temperature logger set (logger with external probe, evaluation software, interface)	1601-0047
EBI 20-TF-Set	Temperature logger set (logger with external probe up to +100 °C (+212 °F), evaluation software, interface)	1601-0011
EBI 20-TH1-Set	Temperature Humidity Logger Set (logger, evaluation software, interface)	1601-0048
EBI 20-IF	Interface for EBI 20	1601-0020
EBI 20-WM	EBI 20 wall bracket with padlock	1601-0030
EBI 20-WM-1	EBI 20 truck wall bracket	1601-0033