

## EBI 300 TE Multi-Use USB Data Logger with external temperature probe

*Fast, flexible core temperature measurements*



EBI 300 TE

- Simultaneous measurement of core temperature and ambient temperature
- Internal temperature probe usable additionally

### Technical Data

Measurement range external temperature	-35°C ... +70°C (-31 °F ... +158 °F)
Measurement range internal temperature / operating temperature	-30°C ... +70°C (-22 °F ... +158 °F)
Accuracy (internal and external)	± 0.5 °C (-20 °C ... +40 °C / -4 °F ... +104 °F) ± 0.8 °C for the remaining measurement range
Probe	NTC, Stainless steel, Ø 4mm, L = 50mm, pointed
Cable	PVC, L = 1m, waterproof, oilproof and food safe
Resolution	0.1 °C
Dimensions (L x W x H)	91 x 33 x 14mm
Protection class	IP 65

Type	Description	Part No.
EBI 300 TE	USB Data logger with external temperature probe	1340-6335
TPC 300	Replacement probe for EBI 300 TE	1341-6331

## EBI 300 TH Multi-Use USB Data Logger with external humidity and temperature probe

*Relative humidity monitoring in storages and during transports*



EBI 300 TH

*Filter caps for the protection of the humidity probe available; see page 138.*

- Internal temperature probe usable additionally

### Technical Data

Measurement range temperature / operating temperature	-30°C ... +70°C (-22 °F ... +158 °F)
Accuracy (internal)	± 0.5 °C (-20 °C ... +40 °C / -4 °F ... +104 °F) ± 0.8 °C for the remaining measurement range
Accuracy (external)	± 0.5 °C (-20 °C ... +40 °C / -4 °F ... +104 °F) ± 1.0 °C for the remaining measurement range
Probe temperature	0% rH ... 100% rH
Measurement range humidity	± 3% between 10% rH ... 90% rH (at 25 °C / +77 °F) ± 5% for the remaining measurement range
Accuracy humidity	± 3% between 10% rH ... 90% rH (at 25 °C / +77 °F) ± 5% for the remaining measurement range
Probe humidity	Capacitive
Resolution temperature	0.1 °C
Resolution humidity	0.1% rH
Dimensions (L x W x H)	129 x 33 x 14mm
Protection class	IP 20

Type	Description	Part No.
EBI 300 TH	USB Data logger with external humidity probe	1340-6334
TPH 400	Replacement probe for EBI 300 TH	1341-6336