EBI 300 TE Multi-Use PDF Data Logger with external temperature probe
fast, flexible core temperature measurements

EBI 300 TE

Calibrated plugable external probe with Factory calibration certificate

- 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 4 mm, L = 50 mm, pointed
Cable	PVC, L = 1 m, waterproof, oilproof and food safe
Resolution	0.1 °C
Dimensions (L x W x H)	91 x 33 x 14 mm
Protection class	IP65
Factory calibration certificate	-20 °C, 0 °C and +60 °C

Type	Description	Part No.
EBI 300 TE	PDF Data logger with external temperature probe	1340-6335A
TPC 300	Calibrated replacement probe for EBI 300 TE	1341-6331A
TPC 300H	Calibrated replacement probe with handle for EBI 300 TE	1341-6370A

EBI 300 TH Multi-Use PDF 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 100.

- 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
measurement range humidity	0 % rH … 100 % rH
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 14 mm
Protection class	IP20

Type	Description	Part No.
EBI 300 TH	PDF Data logger with external humidity probe	1340-6334A
TPH 400	Replacement probe for EBI 300 TH	1341-6336
AH 100	PTFE filter	1340-5627
AH 300	Stainless steel sintered filter	1340-5625