

EBI 300 TE Multi-Use PDF 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

*Calibrated plugable external probe
with Factory calibration certificate*

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	IP 65
Factory calibration certificate	-20 °C, 0 °C and +60 °C

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

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 92.*

- 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	IP 20

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