

EBI 310 TH Multi-Use USB Data Logger with with external humidity and temperature probe

Relative humidity monitoring in storages and during transports



EBI 310 TH

Filter caps for the protection of the humidity probe available; see page 146.

- Internal temperature probe usable additionally

Technical Data

Measurement range temperature / operating temperature	-30 °C ... +75 °C (-22 °F ... +167 °F)
Accuracy (internal)	± 0.2 °C (-30 °C ... +30 °C / -22 °F ... +86 °F) ± 0.5 °C for the remaining measurement range
Accuracy (external)	± 0.5 °C (0 °C ... +60 °C / +32 °F ... +140 °F) ± 0.8 °C for the remaining measurement range
Probe temperature	Pt 1000
Measurement range humidity	0% rH ... 100% rH
Accuracy humidity	± 2% between 10% rH ... 90% rH (at 25 °C / +77 °F) ± 4% 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
Battery	Lithium button cell (CR 2450), 3V
Battery life time	Up to 2 years, depending on applications

re-adjustable with Winlog.pro

Type	Description	Part No.
EBI 310 TH	USB Data logger with external humidity probe	1340-6336
TPH 500	Replacement probe for EBI 310 TH	1341-6337
AH 100	PTFE filter	1340-5627
AH 200	Bronze sintered filter	1340-5626
AH 300	Stainless steel sintered filter	1340-5625

EBI 310 TX Multi-Use USB Data Logger with temperature-two-channel-adapter



Temperature monitoring in storages and during transport, process monitoring



EBI 310 TX



exchangeable sensors

- Up to two exchangeable probes can be connected; not included, see the following page
- Internal temperature probe usable additionally

Technical Data

Measurement range external temperature	-200 °C ... +400 °C (-328 °F ... +752 °F), dependent on probe type
Measurement range internal temperature / operating temperature	-30 °C ... +75 °C (-22 °F ... +167 °F)
Accuracy (internal)	± 0.2 °C (-30 °C ... +30 °C / -22 °F ... +86 °F) ± 0.5 °C for the remaining measurement range
Probe	Pt 1000
Resolution	0.1 °C
Dimensions (L x W x H)	111 x 33 x 14mm
Protection class	IP 65
Battery	Lithium button cell (CR 2450), 3V
Battery life time	Up to 2 years, depending on applications

re-adjustable with Winlog.pro

Type	Description	Part No.
EBI 310 TX	USB Data logger with temperature-two-channel-adapter	1340-6339
TPX 310	Replacement adapter for EBI 310 TX	1341-6335