

EBI 310 TH Multi-Use PDF 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 92.

- 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 14 mm
Protection class	IP 20
Battery	Lithium button cell (CR 2450), 3V
Battery life time	Up to 2 years, depending on applications
Factory calibration certificate	0 °C and +20 °C; 32.8% and 75.4% rH

re-adjustable with Winlog.pro

Type	Description	Part No.
EBI 310 TH	PDF 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 300	Stainless steel sintered filter	1340-5625

EBI 310 TX Multi-Use PDF Data Logger with temperature-two-channel-adaptor



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 14 mm
Protection class	IP 65
Battery	Lithium button cell (CR 2450), 3V
Battery life time	Up to 2 years, depending on applications
Factory calibration certificate	-200 °C, 0 °C and +400 °C

re-adjustable with Winlog.pro

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