Temperature / Humidity Logger
EBI 20-TH1

Technical Data

Type	EBI 20-TH1
Measurement range temperature	-30 °C ... +60 °C (-22 °F ... 140 °F)
Measurement range humidity	0 % rH ... 100 % rH
Accuracy temperature	±0.5 °C at -20 °C ... +40 °C (±0.9 °F at -4 °F ... 104 °F)
	±0.8 °C (±1.4 °F) for the remaining measurement range
Accuracy humidity	±3% rH (10% rH ... 90% rH)
Resolution temperature	0.1 °C (0.2 °F)
Resolution humidity	0.1 % rH
Memory	40,000 measurements
Channels	channel 1: temperature
	channel 2: relative humidity
Sensor	NTC, capacitive humidity sensor
Operating temperature	-30 °C ... +60 °C (-22 °F ... 140 °F)
Sampling rate	1 min ... 24 h
Memory mode	· endless measurement
	· start immediately until end of memory
	· start / stop measurement
	· start with key press
Battery	3V lithium (CR2450), user replaceable
Battery lifetime	> 24 months, measurement rate 15 min. at +25 °C (77 °F)
Protection class	IP 52
Housing material	ABS
Dimensions (L x W x H)	69 x 48 x 22 mm
Certificate	Factory calibration certificate

EBI 20-TH1

Applications

• Safe temperature and humidity recording	• Transport	• Refrigerating and deep-freeze rooms
	• Storage monitoring	• Laboratory

Attributes

• Excellent price / performance ratio	• Automatic recording of temperature and humidity	• Stores 40,000 measurements
• Programming and evaluation with PC		

Description	Type	Part No.
Temperature / humidity logger	EBI 20-TH1	1601-0044
Temperature / humidity logger set (logger, evaluation software, interface)	EBI 20-TH1-Set	1601-0048
Interface for EBI 20	EBI 20-IF	1601-0020
EBI 20 wall bracket	EBI 20-WM	1601-0030
EBI 20 truck wall bracket	EBI 20-WM-1	1601-0033