

EP20THIP

Datalogger Temperature, Humidity and Barometer



Data collector for all Calibrationlaboratories

Technical data:

Dimension	166 x 78 x 32 mm
Measuring interval	10 / 30 s, 1 / 10 / 12 / 15 / 30 min, 1 / 3 / 6 / 12 / 24 h
Construction	plastic housing
Operating time with battery	> 1 Year
Data storage	16 MB, 3.200.000 measured values
LC-Display	Height 90 x 64 mm
Weight	approx. 250g
Included in delivery	PC-Windows Software SmartGraph 3 for graphical and numerical representation of measured values / instruction manual / data cable / battery / DIN rail bracket
Interface	USB, LAN
Storage interval	1 10/1 2 / 15 / 30 min, 1 / 3 / 6 / 12 / 24 h
Power supply	4 x LR6 AA Mignon, USB
Operating temperature	-20...50°C
Operating rel. humidity	0...95% r.F., < 20g/m ³ (non condensing)
max. height	10.000 m above sea level

Temperature

principle	NTC
Measuring range	-20 ... 50 ° C
Unit	° C
Accuracy	± 0.3 ° C (0 .. 40 ° C), otherwise ± 0.5 ° C
Resolution	0.1

Relative Humidity

principle	Capacitive
Measuring range	10 ... 95% RH
Unit	% RH
Accuracy	± 2% RH
Resolution	0.5

air pressure

Measuring range	300 ... 1300 hPa abs.
Unit	hPa abs.
Accuracy	700th .. 1100mbar at 25 ° C ± 0.5 hPa
Resolution	0.1

