

TA 140 KlimaLogger

Temperature and humidity data logger with display



5000-0140

-20°C...+60°C
% rF
50 KB memory
MAX-MIN-HOLD
Hi-Lo Alarm
(((•)))
USB

5020-0141



5020-0142



Application profile

Professional thermo-hygrometer with data logger for the control of temperature and humidity, indication of dew point, max.-min.-function, average values, alarm at freely adjustable temperature and humidity values (upper/lower limit), data logger with up to 50,000 measured values, recallable via display or PC/USB interface. Connection of up to 8 wireless outdoor transmitters.

Technical data

Temperature:

Principle: NTC
Measuring range: -20°C ... +60°C
Resolution: 0,1% / 0.1%
Accuracy: ±1,0°C / ±1.0°C

Relative humidity:

Principle: capacitive
Measuring range: 0 ... 99% rF/rH
Resolution: 1%
Accuracy: ±3% (35 ... 75%) otherwise ±7% /

Output:

open collector (max. 24 Volt DC / max. 400mA)

Logging intervals:

1, 5, 10, 15, 30 min. or 1, 2, 3, 6 hrs.

Work temperature:

0°C ... +50°C

Battery life:

> 1 year

Power supply:

3x 1.5 Volt AA

Housing:

plastic

Dimensions:

98 x 25 x 137 mm, (L x B/W x H)

Weight:

580 g

Areas of application

Monitoring of temperature and humidity in laboratories and production plants, perfect for market gardens: Hi/Lo-alarm, ambient conditions control, climatic control in cabinets, temperature and humidity documentation in museums, castles...etc..

order data

5000-0140 TA140 KlimaLogger, Thermo-Hygrometer with data logger

5020-0141 Transmitter for temperature and humidity, 0...100% / -40°C...+60°C

5020-0142 Transmitter for temperature -40°C...+60°C

5990-0017 Spare battery, 1.5 Volt AA