Product Datasheet

ECO 123-AIR Precision ambient thermometer with alarm

- modern and functional housing
- Quick and precise measurement
- Alarm function with buzzer
- 3-line display / overhead display at the push of a button
- Backlight
- Air temperature measurements with an accuracy of up to 0.2°C
- Robust, long battery life
- Hold-function to freeze measured values
- Min/Max-function for minimum and maximum recorded measured values
- Made in Germany

DESCRIPTION

When developing the new ECO 123 series, the focus was deliberately on the essential functions of measurement technology - the sensor design combines a highly precise and reliable sensor and a protective function that provides a practical solution for adequate sensor protection and the best possible response speed.

Precision, speed and reliability, packaged in a compact and robust housing, make the device a reliable partner for professional users, Made in Germany.

The device is used in building management as well as in meteorology - whenever fast on-site detection / reference measurement is required.

The simple alarm function makes it easier to monitor the temperature "in parallel" while you can do other things at the same time.

ECO 123-AIR sensor detail

ECO 123-AIR Precision ambient thermometer with alarm

Display

Thanks to the backlight, the three-line LCD display offers ergonomic wide-angle visibility - by day and by night.

The HOLD function enables the display values to be frozen.

Power supply

2 powerful AA batteries, the energy-saving design and the configurable automatic switch-off function ensure long operation.

Configurable LCD backlight for further energy saving options.

TECHNICAL DATA

Measurement specifications

Input	fixed Pt1000 probe, protective tube Ø14x37 mm, with large air openings
Measuring range	Temperature -25.0 ... +70.0 °C
Accuracy (nominal temperature)	±0.5 % of measured value ±1 °C

General specifications

Display	3-line with battery status indicator, Backlight, protected by shatterproof screen, overhead display at the push of a button
Power supply	2 x AA Alkaline batteries (included)
Power consumption	<1 mA
Battery life	> 3000 h typ. Continuous operation
Automatic Power-Off	Yes, configurable by the user
Operating conditions	-20 to 50 °C; 0 to 85 % r.h. (non-condensing)
Storage temperature	-25...65 °C (without batteries)
Protection class	IP40
Dimensions	140 x 54 x 28 mm (H x W x D)
Weight	approx. 130 g
Housing	Impact resistant ABS, Polyester (front panel)

Scope of delivery

- handheld device (with or without probe) according to IP 65 / 67
- Test report
- 2x AA battery
- Manual

for further information please refer to www.gsg-e-shop.com | Phone no.: +49 931 / 30 40 8-0

ECO 123-AIR Precision ambient thermometer with alarm

ORDERING CODES

ECO123-AIR			
Precision ambient thermometer with alarm			
1	Set-Option		
	-		Device in carton box, test protocol, batteries, manual
	-GKK1000		Device in case GKK 1000, test protocol, batteries, manual
	-WPT2P		Device in case GKK 1000, factory calibration ISO-WPT-2P-10-25°C, batteries, manual

Standard-Articles

ECO123-AIR	Precision ambient thermometer with alarm Device in carton box, test protocol, batteries, manual	**Art.-No. 487497**
ECO123-AIR-WPT2P	Precision ambient thermometer with alarm Device in case GKK 1000, factory calibration ISO-WPT-2P-10-25°C, batteries, manual	**Art.-No. 487513**

Accessories

Spare parts:

GB-AA-2	Spare batteries 2x AA	**Art.-No.: 600704**

Additional accessories:

G1000-Cover	Rubber protection cover, incl. 2 neodym magnets	**Art.-No.: 483958**
ST-G1000	Protection bag with belt clip	**Art.-No.: 611373**
GCLIP1000	Metal belt clip self-adhesive	**Art.-No.: 475820**
G1000-BASE	G 1000 combined table base / wall suspension	**Art.-No.: 481885**
GKK1000	Carrying case	**Art.-No.: 611603**

For further articles, please visit Senseca website.

for further information please refer to www.gsg-e-shop.com | Phone no.: +49 931 / 30 40 8-0