BZ30 CO$_2$ AIR QUALITY DATA LOGGER

For autonomous long-term recording of indoor air quality

The BZ30 provides you with all functions and equipment features of the BZ25 and is further equipped with a large data memory for 50,000 measured values for the long-term recording of carbon dioxide concentrations, air temperature and humidity values in freely definable measuring intervals from 1 second to 12 hours.

A few practical benefits:

- *Accurate and permanently stable NDIR measurement of carbon dioxide concentrations in the room air*

- *Simultaneous display of CO$_2$ values, room temperature, humidity, date and time*

- *Minimum and maximum value function for CO$_2$, air temperature and humidity*

- *Carbon dioxide alarm function with acoustic alarm signal for freely definable limit values*

- *Additional symbolic CO$_2$ indicator display*

- *Large backlit display with easily legible measured value indication*

- *Autonomous long-term recording of carbon dioxide concentration, room temperature and humidity*

- *Storage for 50,000 measured values*

- *Freely definable saving interval*
  from 1 second to 12 hours

- *USB interface for measuring data transfer*

- *Free standing or wall mounted*

- *PC analysis software*

General information

	Article number	3.510.205.015

Air temperature [°C]

	Measuring principle	NTC
	Min. measuring range [°C]	-5
	Max. measuring range [°C]	50
	Display resolution [°C]	0.1
	Accuracy ± [°C]	1

Air temperature [°F]

	Min. measuring range [°F]	23
	Max. measuring range [°F]	122
	Display resolution [°F]	0.1
	Accuracy ± [°F]	1.8

Relative humidity

	Min. measuring range [% RH]	0.1
	Max. measuring range [% RH]	99.9
	Display resolution [% RH]	0.1
	Accuracy [% RH]	5

CO_2 concentration

	Measuring principle	NDIR
	Min. measuring range [ppm]	0
	Max. measuring range [ppm]	9,999
	Accuracy [ppm]	75
	Accuracy [%]	5
	Accuracy	±75 ppm / ±5 %
	Display resolution [ppm]	1

Display

	LCD

Memory organisation

TECHNICAL DATA

	Sampling interval	> 1 s
	Saving interval	> 1 s
	Memory	50,000 Measured values
Interface		
	USB	
Device control		
	Push buttons	
Housing design		
	Plastics	
Power supply		
	Internal (battery)	1 x 3.7 V Li-ion battery or 230 V power adapter
Dimensions		
	Length (packaging excluded) [mm]	90
	Width (packaging excluded) [mm]	110
	Height (packaging excluded) [mm]	98
Weight		
	(packaging excluded) [kg]	0.245

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