

Thermo-hygro-barometer

code: C4130



High accuracy thermometer - hygometer - barometer.

Audio and optical alarm of measured temperature. Minimum/maximum memory. memory of minimum and maximum temperature included traceable calibration certificate. LCD backlight.

Simultaneous reading of temperature and air relative humidity, dew point temperature and air pressure reading selectable, built-in sensors, barometric pressure tendency for last 3 hours.

Technical data

Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23 °C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s	TEMPERATURE SENSOR	
Resolution 0.1 °C HUMIDITY SENSOR Measuring range 5 to 95 % RH Accuracy ±2.5 % RH from 5 to 95 % at 23 °C Resolution 0.1% RH DEW POINT Measuring range -40 to +60 °C Accuracy ±1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23 °C Resolution 0.1 hPa Accuracy 5 42hPa at 23 °C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature 10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	Measuring range	-10 to +60 °C
HUMIDITY SENSOR Measuring range 5 to 95 % RH Accuracy Esolution O.1% RH DEW POINT Measuring range -40 to +60 °C Accuracy ±1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution O.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range Accuracy ±2.5 °C and RH >3 % Resolution O.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range Accuracy ±2.5 °C and RH >3 % Resolution O.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range Accuracy ±2.5 °C and RH >3 % % Resolution O.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range Accuracy ±2.5 °C and RH >3 % % Resolution O.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 400 to 1100 hPa 420 to 100 hPa 420 to 100 hPa 420 to 100 hPa 421 to 100 hPa 422 to 100 hPa 423 to 100 hPa 424 to 100 hPa 425 to 100 hPa 426 to 100 hPa 427 to 5 °C 427 to 5 °C 427 to 5 °C 428 to 100 hPa 429 to 100 hPa 420 to 100 hPa 42	Accuracy	±0.4 °C
Measuring range5 to 95 % RHAccuracy±2.5 % RH from 5 to 95 % at 23 °CResolution0.1% RHDEW POINT-40 to +60 °CMeasuring range-40 to +60 °CAccuracy±1.5 °C at ambient temperature T <25 °C and RH >3 %Resolution0.1 °CATMOSPHERIC PRESSURE SENSOR800 to 1100 hPaMeasuring range800 to 1100 hPaAccuracy±2hPa at 23°CResolution0.1 hPaGENERAL TECHNICAL DATA0perating temperature-10 to +60 °CChannelsinternal sensor of temperature, humidity sensor and atmospheric pressureAcoustic signalization + backlit LCDYESMeasuring interval and display reading refresh0.7 to 5 sPowerbattery 9 V or 12 Vss adaptor with NiMH 9 V batteryBattery lifeapprox. 4 monthsProtection classIP20Dimensions (without connectors)191 x 71 x 27 mmWeight (including batteries)approx. 155 g	Resolution	0.1 °C
Accuracy	HUMIDITY SENSOR	
Resolution 0.1% RH DEW POINT Measuring range -40 to +60 °C Accuracy ±1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23°C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries) approx. 155 g	Measuring range	5 to 95 % RH
DEW POINT Measuring range -40 to +60 °C Accuracy ±1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23°C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	Accuracy	±2.5 % RH from 5 to 95 % at 23 °C
Measuring range -40 to +60 °C Accuracy ±1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23°C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	Resolution	0.1% RH
Accuracy #1.5 °C at ambient temperature T <25 °C and RH >3 % Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23 °C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	DEW POINT	
Resolution 0.1 °C ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa Accuracy ±2hPa at 23°C Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature -10 to +60 °C Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	Measuring range	-40 to +60 °C
ATMOSPHERIC PRESSURE SENSOR Measuring range 800 to 1100 hPa 90 to 1200 head of 100 he	Accuracy	± 1.5 °C at ambient temperature T <25 °C and RH >30 %
Measuring range800 to 1100 hPaAccuracy±2hPa at 23°CResolution0.1 hPaGENERAL TECHNICAL DATA-10 to +60 °CChannelsinternal sensor of temperature, humidity sensor and atmospheric pressureAcoustic signalization + backlit LCDYESMeasuring interval and display reading refresh0.7 to 5 sPowerbattery 9 V or 12 Vss adaptor with NiMH 9 V batteryBattery lifeapprox. 4 monthsProtection classIP20Dimensions (without connectors)191 x 71 x 27 mmWeight (including batteries)approx. 155 g	Resolution	0.1 °C
Accuracy Resolution 0.1 hPa GENERAL TECHNICAL DATA Operating temperature Channels Internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh During battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life Protection class IP20 Dimensions (without connectors) Weight (including batteries) 10.1 hPa 10.1 hPa 10.2 to 460 °C 10.3 to 5 c 10.4 to 5 s 10.5 to 5 c 10.7 to 5 s 10.8 to 5 c 10.9 to 5 c	ATMOSPHERIC PRESSURE SENSOR	
Resolution GENERAL TECHNICAL DATA Operating temperature Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh Power Battery life Protection class Protection class Dimensions (without connectors) Weight (including batteries)	Measuring range	800 to 1100 hPa
GENERAL TECHNICAL DATA Operating temperature Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh Power Battery life protection class IP20 Dimensions (without connectors) Weight (including batteries) -10 to +60 °C internal sensor of temperature, humidity sensor and atmospheric pressure 0.7 to 5 s battery 9 V or 12 Vss adaptor with NiMH 9 V battery 191 x 71 x 27 mm 191 x 71 x 27 mm 191 x 71 x 27 mm	Accuracy	±2hPa at 23°C
Operating temperature Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD Measuring interval and display reading refresh Power Battery life Protection class Dimensions (without connectors) Weight (including batteries) -10 to +60 °C internal sensor of temperature, humidity sensor and atmospheric pressure O.7 to 5 s Battery YES O.7 to 5 s Battery 9 V or 12 Vss adaptor with NiMH 9 V battery approx. 4 months IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries)	Resolution	0.1 hPa
Channels internal sensor of temperature, humidity sensor and atmospheric pressure Acoustic signalization + backlit LCD YES Measuring interval and display reading refresh 0.7 to 5 s Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries) approx. 155 g	GENERAL TECHNICAL DATA	
Acoustic signalization + backlit LCD Measuring interval and display reading refresh Power Battery life Protection class Dimensions (without connectors) Weight (including batteries) Acoustic signalization + backlit LCD YES 0.7 to 5 s battery 9 V or 12 Vss adaptor with NiMH 9 V battery approx. 4 months IP20 Dimensions (without connectors) 191 x 71 x 27 mm approx. 155 g	Operating temperature	-10 to +60 °C
Acoustic signalization + backlit LCD Measuring interval and display reading refresh Power Battery life Protection class Dimensions (without connectors) Weight (including batteries) YES 0.7 to 5 s battery 9 V or 12 Vss adaptor with NiMH 9 V battery approx. 4 months IP20 Dimensions (without connectors) 191 x 71 x 27 mm approx. 155 g	Channels	internal sensor of temperature, humidity sensor and atmospheric pressure
Power battery 9 V or 12 Vss adaptor with NiMH 9 V battery Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries) approx. 155 g	Acoustic signalization + backlit LCD	
Battery life approx. 4 months Protection class IP20 Dimensions (without connectors) 191 x 71 x 27 mm Weight (including batteries) approx. 155 g	Measuring interval and display reading refresh	0.7 to 5 s
Protection class Dimensions (without connectors) Weight (including batteries) IP20 191 x 71 x 27 mm approx. 155 g	Power	battery 9 V or 12 Vss adaptor with NiMH 9 V battery
Dimensions (without connectors) Weight (including batteries) 191 x 71 x 27 mm approx. 155 g	Battery life	approx. 4 months
Weight (including batteries) approx. 155 g	Protection class	IP20
	Dimensions (without connectors)	191 x 71 x 27 mm
Warranty 3 years	Weight (including batteries)	approx. 155 g
	Warranty	3 years