

Technical Specification Air Humidity Meter PCE-320

Technical specifications

Measurement ranges

(internal)	Temperature	-20 ... +60 °C
	Relative humidity	10 ... 90 % H.r.
	Temperature of global	-21,6 ... +60 °C
	Humidity	-68 ... + 60 °C
	Dew point temperature	depending on the sensor
(external)	Temperature	-50 ... +500 °C

(Infrared)

Resolution	Temperature	0,1 °C
	Relative humidity	0,1 %

Accuracy

(Internal)	Temperature	± 1,0 °C
	Relative humidity	± 3 %
	Wet bulb temperature	± 1,0 °C
	Dew point temperature	± 1,0 °C
(external)	Temperature	± 1 % ± 1,0 °C
(Infrared)		± 5,0 °C
	-50 ... -20 °C	± 2,0 °C o ± 2 %
	-20 ... 500 °C	

Response time	<4 s
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Humidity sensor type	Resistance sensor
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Software	from Windows 98
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Memory	Maximum and minimum value
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External temperature sensor	1m long hot wire sensor and many other available in order
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Display	multiple LCD for displaying a variety of different readings
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Power	1 x 9 V battery
Operating conditions	-20 ... +60 °C / 0 ... 90 % H.r.
Dimensions	257 x 76 x 53 mm
Weight	355 g