



# Environmental Meter PCE-G1A



PCE-G1A is an environmental meter with a large display. This IP54-rated wall-mountable device measures both relative humidity (%RH) and temperature (°C only). The PCE-G1A environmental meter has a large LED display with a number height of 100 mm / 3.9 in, so measurement values can be seen at a distance of up to 50 m / 164 ft away.

Relative humidity and temperature measurements are displayed every 5 seconds (in 5-second intervals). Sensors are mounted by means of connectors with 1 m long cable to measure relative humidity and temperature when sensors and display are in different places.

The PCE-G1A also has a 2-channel analog output of 4 ... 20-mA. The two channels convert relative humidity and temperature values into 4 ... 20-mA signals before displaying them. This means that measurements can be recorded, controlled and regulated by means of the analog output.

- ▶ Ingress protection type: IP 54 rating
- ▶ Large, easy-to-read 100 mm / 3.9 in tall LED digits
- ▶ Analog output: 4 ... 20-mA external sensors
- ▶ Temperature and relative humidity values are displayed every 5 seconds (in 5-second intervals)
- ▶ Displays temperature in degrees Celsius (°C) only
- ▶ Ready for wall mounting
- ▶ Long life
- ▶ Excellent readability
- ▶ High accuracy

Subject to change

# Specifications

## Technical specifications

Measurement ranges	10 ... 95% relative humidity (RH) / 0 ... 60 degrees Celsius (°C only)
Resolution	1% RH / 1°C
Accuracy	± 2% RH / ±1°C
Visible distance	Display can be read from 50 m / 164 ft away
Sensor types	HC1000 (RH) / PT1000 (°C)
Response time T <sub>90</sub>	Approx. 4 seconds
Cable length (between sensor and display)	1 m
Display	100 mm / 3.9 in tall LED digits (alternates values)
Analog output	Two channels, 4 ... 20-mA
Power supply	110V ... 230V / 50 ... 60 Hz
Dimensions	Sensor = 50 x 70 x 20 mm / 2 x 2.8 x .8 in Display = 175 x 250 x 75 mm / 6.9 x 9.8 x 3 in
Ingress protection	IP 54 rating
Weight	1.3 kg / 2.9 lbs (with sensor and cable)

# More information

Manual



More product info



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