

Data sheet PeCo SmartAir



ALARM PROTECTION



TEMPERATURE



BUILDING
AUTOMATION



EFFICIENT
WORKING



VENTILATION



SPACE
UTILIZATION



Infection risk & energy costs reduce!

CO₂ temperature and humidity measurement in
one system



Multifunctional table devices
AIR QUALITY and more
PeCo SmartAir



ABOUT PeCo SmartAir



The PeCo SmartAir is primarily aimed at educational establishments, care facilities and buildings where several people are present for a longer period of time in a limited room area. Targeted and sustained ventilation is a simple and effective measure to demonstrably reduce the risk of corona infection. Our smart sensor thus effectively helps to optimize indoor air hygiene while avoiding unnecessary heat loss by ventilating exactly when the declining air quality requires it.

The PeCo SmartAir is a multi-functional table-top device that can even control the building management system if desired, making heating behavior, automatic ventilation and the opening and closing of window systems more efficient. Our room sensors permanently measure the quality of the room air by actively sucking in the ambient air. Motion sensors in the PeCo SmartAir can continuously monitor a room. In doing so, the traffic light optionally emits both a visual and an acoustic signal as soon as the defined threshold values are reached. If desired, the measured values are regularly transmitted to the hygiene cloud and can be evaluated later.

FEATURES PeCo SmartAir

- ✔ Self-calibration [maintenance-free]
- ✔ IOS and Android app for configuration & management
- ✔ REST interface for integration into own systems
- ✔ Wall mountable
- ✔ Fast response speed due to active air intake
- ✔ Optional cloud connection incl. data storage [cloud booking necessary]
- ✔ Optional LoRaWAN connection [additional module required]
- ✔ Optional integration of switching contacts for controlling fans and windows [additional module required]

APPLICATION AREAS PeCo SmartAir

-  Schools/daycare centers
-  Universities
-  Educational institutions
-  Care facilities/hospitals



TECHNICAL DETAILS PeCo SmartAir

Characteristics	
Application area	Indoor
CO2 measuring range	from 0-10.000 ppm
Measurement types	Temperature and humidity measurement [e.g. mold prevention]
Audible alarm	switchable
Reaction time	< 20 seconds
Electrics	
Sensor lifetime	minimum 15 years
Dimensions [L x W x H]	85 mm x 85 mm x 102 mm
Weight	approx. 315 g [without power supply and connection cable]
Technique	
Energy supply	USB-C power supply + connector
Open API	REST interface for integration into own environments
Storage temperature	-10° to +40° [tdry environment, ideally at room temperature]

In cooperation with





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