

COVID-19 – HEIMANN Sensor's essential role in fighting the pandemic

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In the current worldwide COVID-19 crisis, HEIMANN Sensor has become one of the key players in fighting the spread of the quickly developing pandemic by manufacturing **sensors and sensor modules** that are used in fever thermometers or fever screening systems. Not only hospitals, medical practices and pharmacies increasingly use non-contact, infrared thermometers for indicating potential Corona patients. Even in more and more companies and public areas around the world, handheld portable fever thermometers become the tool of choice for accurate fever detection.



Temperature screening systems, which are permanently installed at entrances of airports, companies, public buildings, schools or other institutions, can automatically detect elevated body temperatures from greater distances. In all these tools, HEIMANN Sensor products like the HMS M21 for contactless thermometers or HTPA32x32 and HTPA 80x64 for fever screening systems provide the centerpiece.

On top, HEIMANN Sensor is one of the very few producers of special, fast reacting **CO₂ gas sensors**, which are installed in capnography devices, incubators and respiratory equipment. As a small percentage of coronavirus patients develop severe health issues including acute respiratory illnesses, their survival depends on the continuous monitoring of their lung function in intensive care stations. Hence, HEIMANN's production of gas sensors has become crucial in the worldwide health care.



Consequently, the demand for HEIMANN Sensor products has increased exponentially during the past few weeks. While it was already challenging to meet the growing demand in the beginning of 2020, the near shut-down of the economy in Malaysia mid-March, where two of the main assembly lines of HEIMANN Sensor are located, were dramatic. After proofing systemic importance to the Malaysian government, HEIMANN Sensor was granted special permission for reopening part of the assembly line. Still, HEIMANN Sensor keeps fighting for the complete reutilisation and expansion of its capacities in its main assembly lines.

HEIMANN Sensor and its employees have long ago recognized that their input and supply of sensor and sensor modules in the current worldwide Corona crisis has outreached economic benefits, but play a significant role in the global containment of COVID-19 and the lifesaving of patients.