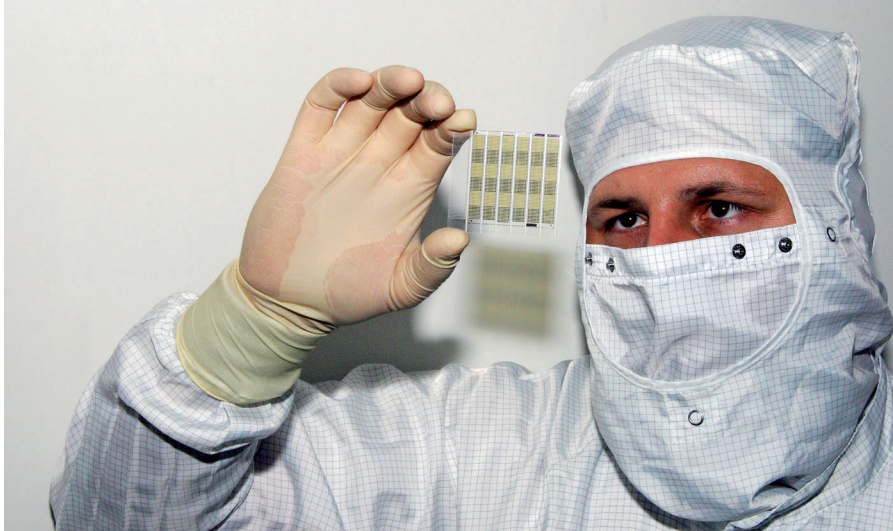
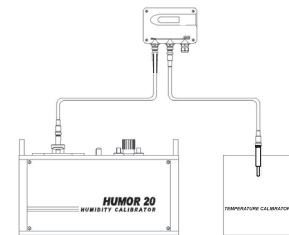


CLIMATE MONITORING IN CLEAN ROOM TECHNOLOGY



Loop calibration of humidity and temperature measurement as recommended by the FDA can be simply and quickly implemented with the aid of separate humidity and temperature sensors. Dismantling of the measurement transducer is not necessary.



On-site calibration of humidity and temperature

Clean rooms protect the goods which are produced in them from particles or pathogens. The temperature, humidity and pressure are kept constant and continuously monitored. In order to meet the high demands for climate quality, selection of the correct measurement technology is very important.

The digital plug-in sensors are separated from the measurement transducer by means of a connection cable up to 10 m in length and are placed in a humidity or temperature calibrator.

The most important criteria for a humidity / temperature transponder for monitoring clean rooms are high precision, very good long-term stability and the possibility of calibration. The EE22 humidity / temperature transducer is well proven in this respect. This measurement transducer has plug-in digital sensors for humidity and temperature and is used in many clean room applications.

We are also able to implement customised OEM solutions for our sensors, e.g. for flush mounting. Our sensor specialists have extensive know-how relating to the appropriate measurement and sensor technologies and can offer you expert advice.

The excellent long-term stability and high measurement accuracy of E+E humidity sensors has been proven over many years.

• Application conditions

Measurement range: 0...100 % rel. hum. / -40...60 °C
 Output: 4 - 20 mA or 0 - 10V
 Conditions of use: typically 20 °C and 40 %rel. hum.

• E+E Product



EE22-MFT6F21D07/T02
 Humidity / temperature measuring transducer with digital sensors

The sensors - which can be changed in seconds - are ideal for loop calibration as recommended by the FDA in the pharmaceutical and biotechnology industry.