

Temperature Sensor

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Measuring temperature seems to be an easy task, but sometimes you need more than simple thermometer to perform this task. Sometimes measuring temperature is a part of production process or the research or part of the work routine and measured temperature range can be wide. For all of those tasks there is an instrument that can come in different forms. We are talking about temperature sensors and the wide range of them make this instrument perfect for any field of appliance as there are models to perform almost any task for measuring temperature.



There are many different types of the temperature sensor. Some of them will be useful if you work in food production sector. You can measure temperature in the food with sensors that penetrate the matter the temperature is being measured within. The temperature sensor for food processing is usually made of stainless steel which makes it long lasting and protected from the liquids influence. The head of the temperature sensor is usually aluminium or steel too. The temperature range that sensor can measure can reach up to 1500 °C.

You can also find models of temperature sensors that are designed for industrial sector. They are solid and long lasting. After purchasing a high-quality instrument you won't have to worry that the sensor will break. It is well-protected from the external influences instrument and it is specially designed for working with different matters. The temperature range measure can be from -100 up to +1500 °C depending on the model.



There are temperature sensors with penetration into the measured matter, as was mentioned above, and there are also temperature sensors that measure surface temperature, or the temperature of the environment. Surface temperature sensor usually consists of metal plate that is being mounted on the surface, whether in is horizontal or vertical. Thus, you can mount it on the wall if you need.

Temperature sensor is a sensitive instrument which can notice even the smallest change of the temperature and will provide you with the most precise measurement. We know that the precise measurement of the temperature can be crucial in many fields of appliance and the success of the whole production process or experiment sometimes can rely solely on the

right temperature regime. We understand the importance of such measurements and temperature sensor is the best instrument to carry such an important task.

All the temperature sensors can be connected to the temperature indicators. You will see all the measurement on the display of the indicator that has fast response and correct displaying of the received data. It is also possible to connect it to PC and to transfer data for further processing in the programs or for saving it for comparing or building graphs if necessary.

