

CUSTOMISED TEMPERATURE SENSORS



How to increase your quality and save costs with application-specific temperature sensors

At Angst+Pfister Sensors and Power you can purchase sensors and freely select the housing as well as the cable outlet, connector and various materials. This means that you only pay for what you really need in your application. The housing geometry and materials are irrelevant here and almost any housing shape can be realised. This ensures easy integration into your application. Furthermore, you can choose between different sensor technologies, such as analogue or digital sensors, but also the number of cable outlets, so that measurement errors due to cable resistance can be eliminated.

Applications

Customised sensors are used wherever standard elements are not applicable.

- ❖ Coffee machines
- ❖ Seat heating
- ❖ HVAC

Typical enclosure materials

- ❖ Stainless steel (1.4401 and 1.4404)
 - ❖ Aluminium
 - ❖ PVC (Polyvinyl chloride)
 - ❖ PVCPE (Polyethylene)
 - ❖ PP (Polypropylene)
 - ❖ TPE (Thermoplastic Elastomer)
- and many more on request...

Typical sensor technologies

- ❖ Semiconductor sensors with digital outputs (SMT172)
- ❖ Sensors according to DIN EN 60751: NTCs with any R_{25} and beta values, PT100 as well as PT1000 and Ni-120
- ❖ K-Type (DIN EN 60584-1)

