ANDERSON NEGELE - TEMPERATURE SENSOR

TFP-41

TFP



- PT100 Temperature Sensor
- Measuring Range -50…250 °C Depending on Type
- Operating Pressure 50 Bar Depending on Type
- Approvals: FDA; EHEDG; 3-A

PRODUCT DESCRIPTION

These high quality temperature sensors are used in CIP/SIP systems for crucial and accurate temperature monitoring. With fast response times, our sensors will ensure you have an efficient, reliable and accurately running system that is ultimately hygienic and approved to the industry standards expected.

The TFP Temperature range is the largest, most versatile & best selling Anderson Negele product range and these are the G1/2”connection specific versions. Best used in conjunction with the Anderson-Negele CLEANadapt thread adapters; there is no need for any sealants for a perfectly simple, seamless, flow optimized, hygienic and easy sterilized installation by using Negele weld-in sleeve (tightening torques are advised). Additional process connections: adapters for Tri-Clamp, dairy flange (DIN 11851), Varivent, DRD, APV and more are available.

With options to have 4-20mA outputs from the TFP, a reduced size 18mmØ connecting head or a 55mmØ. We can also provide the TFP with 2 x Pt100 and 2 x Pt100 transmitters per unit. These sensors can be programmed/scaled with the use of the MPU-P 9701. We can also offer Profibus PA and HART Protocol communications to your PLC. We can offer M12 (IP69K), cable gland (M16 x 1.5), and pre-cabled electrical connections, to suit your preference.

Using FDA approved stainless steel and PEEK for product contacting materials, the whole TFP range is FDA compliant and also conforms to the 3A Sanitary Standard 74-06 for front flush sensors. The front flush option is ideal for vessels with agitators fitted should your application have them and we can also offer a multitude of sensor tips diameters and lengths, to suit your response time and pipe size requirements.

Application Examples:

- CIP Systems.
- SIP Systems.
- Agitator Vessels.
- Temperature Controlled Milk Vessels.