




Temperature sensor

When the temperature sensor TM 50/TM 100 is connected to the ultrasonic generator, the temperature module is activated and the temperature can be monitored. With the use of a TM 5000, the temperature monitoring is available as soon as the temperature sensor has been connected to the socket in the cap of the respective ultrasonic transducer.

Temperatures in ranges of -10 to +120 °C can be measured.

| Description | TM 50 | TM 100 | TM 5000 |
|-----------------------------|---|---|--|
| Order No. | 3733 | 3622 | 3763 |
| Figure |  |  |  |
| Length connecting cable [m] | 2 | 1.1 | 1,0 |
| Specifications | Pt1000 class B DIN EN 60751 | Pt1000 class B DIN EN 60751 | Pt1000 Kl. B DIN EN60751 |
| Diameter sensor [mm] | 1.9 | 4 | 2 |
| Length sensor [mm] | 100 | 150 | 150 |
| Use with HD... | 3100/3200/3400/4050/4100/4200/4400 | | 5020/5050 5100/5200 |

Mounting

- Plug temperature sensor into the connector socket of the ultrasonic generator (TM 50/TM 100) or the ultrasonic transducer (TM 5000). For detailed information please see SONOPULS operating instructions

Note

In case of using a temperature sensor, calibration of the ultrasonic generator at intervals of 2 years in our company is recommended.