

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.