

Flow Measurement

ULTRASONIC TRANSDUCERS

MADE IN GERMANY

Ultrasonic Transducers

Precise Ultrasonic Solutions for Industrial Flow Measurement

We offer specialized solutions for flow measurement that stand out through the use of highly precise ultrasonic transducers. The piezo-based ultrasonic transducers are designed for both clamp-on and inline measurements, providing a wide range of application possibilities.

They are suitable for flow measurements in pipelines carrying gases and liquids at temperatures of up to





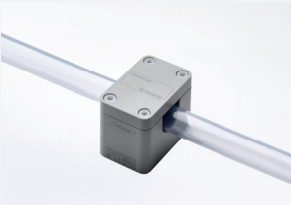
200 °C. Our products are developed for demanding environmental conditions.

→ **Center frequencies from 500 kHz to 5 MHz**

→ **Ultrasonic probes based on piezo ceramics and piezo composites**

→ **Narrowband and broadband variants available**

→ **Temperature range: -40 °C to +200 °C**

Examples	Center Frequency	Diameter	Connector Type	Temperature Range
	500 kHz	35 mm	Triaxial Cable	-20 °C to +60 °C
	2 MHz	10 mm	Open Ends	-20 °C to +135 °C
	3.5 MHz	6 mm	Flexible Electrical Contacting	-20 °C to +95 °C
	1 MHz	10 mm	SMB Connection	-40 °C to +200 °C
	–	1/4" to 2"	8-pin Connector (Binder 720 Male)	-20 °C to +90 °C

SONOTEC is a leading specialist in ultrasonic measurement technology solution based in Halle (Saale), Germany, with more than 30 years of experience in the development and manufacturing

of ultrasonic transducers. As a global technology leader, we offer first-class measurement performance, excellent product quality and outstanding service to our customers.

Contact and Support

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