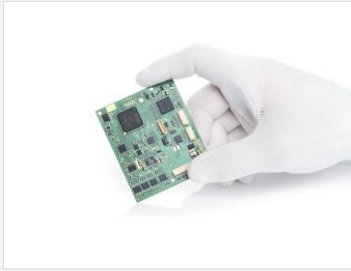


# SonoTT™ DigiFlow mini



- Highly integrated universal transit-time ultrasound flow measurement board
- Low power consumption enables use in mobile equipment
- Maximum scan rate 1000 Hz
- RS-232 or CAN Interface

## 01 Technical Specification

Size (L x W)	72 x 60 mm
Total height	7.5 mm
Thickness PCB	1.0 mm
Height bottom side	2.0 mm
Input Voltage	+ 3.3V ± 2.5%
Power consumption	≤ 2 W
Maximum flow measurement range	± 32.0 l/min
Zero flow adjustment	Yes
Compatible flow sensors	SonoTT™ Clamp-On Transducer; type SCT

## 02 Interfaces

Interface types	RS-232; CAN (Baudrates: 100, 125, 200, 250, 500 Kbaud (default setting), 1 Mbaud )
Sensor connector type	enclosed cable set
Connection to the customer's unit (power, communication interface)	JST SH connector 9 pol. w/ wiring harness for power and communication interface

## 03 Accuracy and Resolution (in Combination with SonoTT™ Clamp-On Transducers)\*

Flow Offset Drift	Max. 0.03 l/min within 2 hours
Resolution	1 ml/min (for flow value ≤ ± 32.0 l/min)

Flow Range	Accuracy
Flow value ≤ 1.0 l/min	± 0.07 l/min ± Flow offset drift
Flow value > 1.0 l/min	± 7% of reading ± Flow offset drift

\*Depending on calibration and connected type of SonoTT™ Clamp-On Transducer

## 04 Ambient Conditions

Air pressure	70 to 106 kPa
Operating temperature range	10 to 45 °C (50 to 113 °F)
Storage temperature range	-20 to 45 °C (-4 to 113 °F)
Transport temperature range	-20 to 55 °C (-4 to 131 °F)
Humidity operation	30 to 75 % (non-condensing)
Humidity storage and transport	10 to 96 % (non-condensing)