



SONOFLOW CO.55 V2.0

NON-INVASIVE FLOW MEASUREMENT

- ✓ Highly accurate
- ✓ Wear-free
- ✓ Dry coupled

SONOTECH
ULTRASONIC SOLUTIONS



SONOFLOW CO.55 V2.0

for medium contactless flow measurement



The compact ultrasonic flow sensor SONOFLOW CO.55 V2.0 detects the flow rate of liquids in flexible tubes without having any contact to the liquid.

Due to its non-invasive working principle the clamp-on sensor is particularly suitable for applications in fields with strict hygienic standards. The tube is easily put into the sensor and allows smooth and multiple reinserts.

The SONOFLOW CO.55 V2.0 is constructed as a built-in component for machines and apparatus. The electrical integration into the control system can be carried out easily. Furthermore it can be applied as a standalone measurement device. The use of our SONOFLOW Monitor Software allows an easy parameterization, calibration and readout of measuring values. The sensor can be adapted to individual tube sizes and materials, output specifications or liquid properties.

Benefits

- ✓ Non-invasive measurement
- ✓ No coupling medium required
- ✓ Integrated electronics
- ✓ No wear and tear
- ✓ Wide measurement range

Applications

- ✓ Biotechnology
- ✓ Medical technology
- ✓ Pharmaceutical industry
- ✓ Chemical industry
- ✓ Food & beverage

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Technical Data SONOFLOW CO.55 V2.0

Measuring method	Ultrasound
Measuring cycle	20 ms
Mounting	Freely suspended on the tube or fixed installation
Output	Configurable as current, pulse output, frequency or switching output
Operating voltage	12 to 30 VDC
Current consumption	80 mA maximum, typical 40 to 50 mA at 18 to 24 V
Electrical connection	8-pin M12 connector
Media temperature	0 to +60 °C
Ambient temperature	0 to +40 °C
Storage temperature	-20 to +70 °C
Protection	IP65
Accessories	SONOFLOW Monitor Software for parameterization, monitoring and data logging

We offer the SONOFLOW CO.55 V2.0 in different specifications:

- ✓ Channel widths from 35 to 340 mm
- ✓ Housing made of anodized aluminium or stainless steel with built-in display
- ✓ Different output interfaces

Other specifications available on request.

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Certified to DIN EN ISO 9001 and EN ISO 13485