



Vibrating Tube Density Sensor Type DIMF-Compact

Designed for use in medical technology, machinery and equipment as well as laboratory applications



- Direct detection of density
- Derivation of a concentration in vol% or ma% for 2-substance mixtures
- Innovative concept
- Robust construction
- Reliable

D-EN-DIMF-Compact_20200128



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Measuring principle

The density meters DIMF-Compact work on the vibrating tube measuring principle, which has proven successful in different series of Bopp & Reuther Messtechnik GmbH since the 70's on the market.

These reliable meters are designed for continuous determination of density or concentration.

For applications in laboratory, medical and engineering, where limited space, monitoring fluid quality and costs play an important role, they provide an ideal, previously not achievable solution.

Characteristics

- Direct measurement of the density
- Derivative of a concentration in vol% or Ma% at 2-component mixtures
- Innovative concept
- Robust design
- Highly reliable

Technical data

Measurement deviation	$\pm 1 \text{ kg/m}^3$
Repeatability	$0,1 \text{ kg/m}^3$
Fluid temperature	0°C to $+70^\circ\text{C}$
Ambient temperature	0°C to $+70^\circ\text{C}$
Power supply	24 V DC, $<100 \text{ mA}$
Output	RS232
Pressure	PN 6
Process connection	G $\frac{1}{4}$ "
Material	<ul style="list-style-type: none">• U-tube: stainless steel• Process connection: stainless steel
Weight	1 kg
Protection	IP67
EU declaration of conformity	According to EMV directive 2004/108/EU

Measuring ranges

	Min.	Max.
Density	500 kg/m^3	1500 kg/m^3
Flow	1 L/min	6 L/min

Important instructions!

Technical changes and errors reserved.

Pictures can be similar.

The operating instructions belonging to this device must be observed! Download at www.schmidt-messtechnik.com.

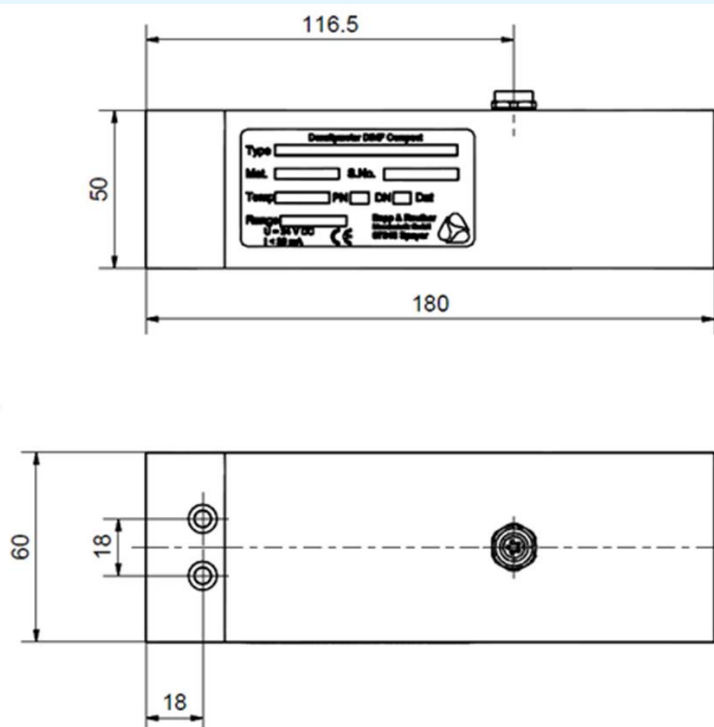


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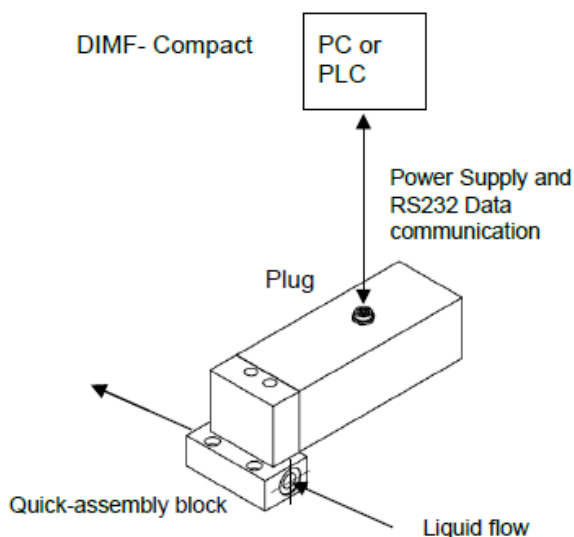
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Dimensions

Dimensions in mm



Connection



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