

# Schiltknecht

swiss precision

## MiniAir<sup>®</sup>6

### Probe Anemometer

The self-contained anemometer probe MiniAir6 measures the velocity of gaseous and liquid media, directly giving out a linear **voltage signal**.

Accuracy and reliability are of the high standard expected from Schiltknecht.

Types:

- MiniAir6 Micro 20 m/s
- MiniAir6 Micro 40 m/s
- MiniWater6 Micro 5 m/s
  
- MiniAir6 Mini 20 m/s
- MiniAir6 Mini 40 m/s
- MiniWater6 Mini 5 m/s
  
- MiniAir6 Macro 20 m/s



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Schweizerischer Kalibrierdienst  
Service suisse d'étalonnage  
Servizio Svizzero di taratura  
Swiss Calibration Service

SCS 046



The probe anemometer MiniAir/Water6 measures the velocity of gaseous or liquid media. In anemometry, the accuracy achieved by a vane probe is acknowledged to be unmatched. The vane rotation is closely linear to flow velocity and is unaffected by pressure, temperature, density and humidity.

The MiniAir6 is interesting for any technician involved in flow and its automated measurement. Be it in heating, ventilation, air conditioning (HVAC) or other fields, air flow besides temp. and humidity is the most measured parameter.

# MiniAir<sup>®</sup>6

## Probe Anemometer

The MiniAir6 like other MiniAir models features the unique Snap Head on types Micro, Mini and Macro, providing on-site serviceability, thus making it ideal for continual measuring. The applicability of MiniAir6 in industry and elsewhere is almost unlimited.

	<b>MiniAir6 Micro</b>	<b>MiniAir6 Mini</b>	<b>MiniAir6 Macro</b>
<b>Measuring range</b> or	0.6 - 20 m/s 0.7 - 40 m/s	0.4 - 20 m/s 0.5 - 40 m/s	0.20 - 20 m/s
<b>Accuracy +/-</b>	± 1.0% fs, ± 3.0% rdg	± 0.5% fs, ± 1.5% rdg	± 1.0% fs, ± 1.5% rdg
<b>Operating temp.</b>	-10 to +80 °C	-10 to +80 °C	-10 to +80 °C
<b>Power req. (external)</b>	6.5 - 26 V DC	6.5 - 26 V DC	6.5 - 26 V DC
<b>Output signal</b>	<b>0 - 2.0 V</b>	<b>0 - 2.0 V</b>	<b>0 - 2.0 V</b>
<b>Load</b>	>10 kΩ	>10 kΩ	>10 kΩ
<b>Head dim.</b>	Ø 11 x 15 mm	Ø 22 x 28 mm	Ø 85 x 80 mm
<b>Access opening</b>	16 mm	35 mm	
<b>Probe length</b>	165 mm	175 mm	225 mm
<b>Cable</b>	5 m	5 m	5 m
<b>Storage temp.</b>	-65 to +150 °C	-65 to +150 °C	-65 to +150 °C

	<b>MiniWater6 Micro</b>	<b>MiniWater6 Mini</b>	
<b>Measuring range</b>	0.04 - 5 m/s	0.02 - 5 m/s	
<b>Accuracy</b>	± 2 % fs. ± 3.5 % rdg	± 2 % fs. ± 3 % rdg	
<b>Operating temp.</b>	0 to +70 °C	0 to +70 °C	
<b>Power req. (external)</b>	6.5 - 26 V DC	6.5 - 26 V DC	
<b>Output signal</b>	<b>0 - 1.0 V</b>	<b>0 - 1.0 V</b>	
<b>Load</b>	>10 kΩ	>10 kΩ	
<b>Head dim.</b>	Ø 11 x 15 mm	Ø 22 x 28 mm	
<b>Access opening</b>	16 mm	35 mm	
<b>Probe length</b>	165 mm	175 mm	
<b>Cable</b>	5 m	5 m	
<b>Storage temp.</b>	-65 to +150 °C	-65 to +150 °C	

Snap Head replacement by orig. size and range of given probe. Specifications subject to change without notice. Special models to customer specification.