

# Schiltknecht

swiss precision

## MiniAir<sup>®</sup>64

### Probe anemometer

The self-contained anemometer probe MiniAir64 measures the velocity of gaseous media and liquid, directly giving out a **linear current signal**.

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

Types:

- MiniAir64      Micro 20 m/s
- MiniAir64      Micro 40 m/s
- MiniWater64   Micro 5 m/s
  
- MiniAir64      Mini 20 m/s
- MiniAir64      Mini 40 m/s
- MiniWater64   Mini 5 m/s
  
- MiniAir64      Macro 20 m/s



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

SCS 046



The probe anemometer MiniAir/Water64 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 MiniAir64 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>64

## Probe Anemometer

The MiniAir64 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 MiniAir64 in industry and elsewhere is almost unlimited.

	<b>MiniAir64 Micro</b>	<b>MiniAir64 Mini</b>	<b>MiniAir64 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	0.2 - 20 m/s
<b>Accuracy +/-</b>	± 1.0 % fs, ± 3.0 % rdg	± 1.0 % 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>	9 - 24 V DC (depending on the used resistance)	9 - 24 V DC (depending on the used resistance)	9 - 24 V DC (depending on the used resistance)
<b>Output signal, 2-wire</b>	<b>4 - 20 mA</b>	<b>4 - 20 mA</b>	<b>4 - 20 mA</b>
<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>MiniWater64 Micro</b>	<b>MiniWater64 Mini</b>	
<b>Measuring range</b>	0.04 - 5 m/s	0.02 - 5 m/s	
<b>Accuracy</b>	± 2.0 % fs ± 3.5 % rdg	± 2.0 % fs ± 2.0 % rdg	
<b>Operating temp.</b>	0 to +70 °C	0 to +70 °C	
<b>Power req. (external)</b>	9 - 24 V DC (depending on the used resistance)	9 - 24 V DC (depending on the used resistance)	
<b>Output signal, 2-wire</b>	<b>4 - 12 mA</b>	<b>4 - 12 mA</b>	
<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.