

Schiltknecht

swiss precision

MiniAir[®]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[®]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.

	MiniAir64 Micro	MiniAir64 Mini	MiniAir64 Macro
Measuring range 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
Accuracy +/-	± 1.0 % fs, ± 3.0 % rdg	± 1.0 % fs, ± 1.5 % rdg	± 1.0% fs, ± 1.5% rdg
Operating temp.	-10 to +80 °C	-10 to +80 °C	-10 to +80 °C
Power req. (external)	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)
Output signal, 2-wire	4 - 20 mA	4 - 20 mA	4 - 20 mA
Head dim.	Ø 11 x 15 mm	Ø 22 x 28 mm	Ø 85 x 80 mm
Access opening	16 mm	35 mm	
Probe length	165 mm	175 mm	225 mm
Cable	5 m	5 m	5 m
Storage temp.	-65 to +150 °C	-65 to +150 °C	-65 to +150 °C

	MiniWater64 Micro	MiniWater64 Mini	
Measuring range	0.04 - 5 m/s	0.02 - 5 m/s	
Accuracy	± 2.0 % fs ± 3.5 % rdg	± 2.0 % fs ± 3.0 % rdg	
Operating temp.	0 to +70 °C	0 to +70 °C	
Power req. (external)	9 - 24 V DC (depending on the used resistance)	9 - 24 V DC (depending on the used resistance)	
Output signal, 2-wire	4 - 12 mA	4 - 12 mA	
Head dim.	Ø 11 x 15 mm	Ø 22 x 28 mm	
Access opening	16 mm	35 mm	
Probe length	165 mm	175 mm	
Cable	5 m	5 m	
Storage temp.	-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.