

AFP1 MEASURING INSTRUMENT

HVAC MEASUREMENTS SMART AND SIMPLE

AIR SPEED MEASUREMENT MADE EASY

- Intelligent multi-parameter measuring instrument for air velocity, humidity and temperature
- Small vane anemometer for in-tube measurements
- Smart phone connection via *Bluetooth*[®]
- Easy data logging via iOS app
- Direct volume flow calculation
- Numeric or graphic display
- Simple data export for evaluation on a PC



TECHNICAL INFORMATION

The intelligent AFP1 multi-parameter measuring instrument is ideal for spot measurements in HVAC systems. Thanks to easy operation via a smart phone, it is possible not only to take random measurements, but also to record, export and display data as wanted.

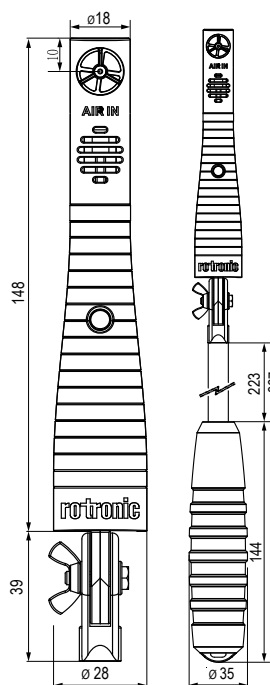
Operation with "ROTRONIC" App

The AFP1 sensor is operated via Bluetooth communication with the ROTRONIC smart phone app, which can be obtained free-of-charge from the App Store (iOS).

The app offers functions to display, log and send the required measured values by e-mail. It is also possible, among others, to define parameter-specific settings and options for the measurement.



Dimensions (in mm)



General	
Parameters	- Air velocity - Humidity - Temperature
Air velocity sensor	Vane anemometer
Humidity sensor	ROTRONIC HYGROMER® IN-1
Temperature sensor	NTC
Measurement range	0.5...20 m/s 0...100 %RH -20...60°C
Accuracy	±(3 % of measured value + 0.2 m/s) ±3 %RH (at 25 °C) ±0.6 K (at -20...50 °C)
Logging interval	1 s
Communication	Bluetooth®
LED	1 two-colored LED (red/green) Red: Battery power too low for proper operation Green: Battery and communication normal
Power supply	2 x 3 V CR2032 batteries
Current consumption	< 5.3 mA
Dimensions measurement probe	150 x ø 18 / 28 mm
Dimensions incl. telescopic rod	Retracted: 0.55 m Extended: 1.2 m
Weight	Measurement probe: 62 g Telescopic rod: 178 g
Software	App "ROTRONIC" (iOS)
Delivery package	- Factory certificate - Short instruction manual - APP (online) - Batteries 2 x 3 V (CR2032) - Soft case

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Would you like more information? You can find a complete overview of the AFP1 at www.rotronic.com

MEASUREMENT SOLUTIONS

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