

# HumiAir9 - Relative humidity probe



## FEATURES

- high accuracy
- relative humidity and temperature output
- long term stability
- analog and serial output
- low power consumption
- standard M12 connector connection

- For measuring relative air humidity HumiAir9 is the right choice. This intelligent electronic probe is easy to use, precise and intended for use in all weather conditions.

- HumiAir9 probe is based on a capacitive polymer film sensor with proper temperature compensation and microprocessor control. Analogue output voltage is directly proportional to relative humidity and temperature or RS232 serial communication available.

- Full comfortable calibration over serial interface is available. All calibration constants are stored in a nonvolatile memory. The probe is assembled with standard M12 connector for fast and easy replacement in the field.

TECHNICAL SPECIFICATIONS	
Measurement range	0 - 100 % RH, - 40 °C to + 60 °C
Accuracy	± 3 %
	± 0,3 °C
Analog output	0...1V for 0...100 % RH
	0...1V for - 40...+60 °C
Digital output RS232 selectable by input pin	
Communication speed	300...115200 bps
Operating temperature	- 40 °C to + 60 °C
Power supply	4...20 Vdc
Power consumption	2 mA typ.
Dimension, Cable	22 mm x 130 mm, 3 m