



airO is an intelligent RF transmitter, that can be provided in several versions

Technical specifications

Basic parameters			
+ Models	airO-Temp OW	airO - HTemp OW	airO-Analog
+ Range of measured	-55 to +125°C	-40 to +85°C 0 to 100% RH <i>With filter for condensing environment</i>	0-10V or 4-20 mA
+ Resolution	12 bits (0.0625°C)	16 bits	10 bits
+ Accuracy	+/- 0,5 °C in range from -10°C to +55°C	+/- 0.3 °C (-40°C to +125°C) +/- 2 RH% (0% to 100%)	Voltage – +/-20 mV Current – +/-50µA
+ Measuring element	DS18B20 Silicone Cable Inox probe (IP68)	Sensirion SHT31 Silicone cable Probe with filter	ADC DS2438 Silicone cable Terminal block
+ Digital Input type	2X dry contact		
+ Outside size AxBxC	50 x 28 x 55mm (antenna 85 mm)		
Communication			
+ Communication radio band	433, 868 or 915 Mhz - ISM radio band (industrial, scientific and medical) FREE License		
+ Encryption Data	YES		
Others			
+ Waterproof <i>enclosure</i>	IP68		
+ Power supply	1X Lithium Battery AA Size Cell 3.6V 2600mAh Long life = 4 years reading every 15 minutes		
+ Power consumption	Sleep mode 18 µA wake up mode 26 mA		
+ Outside dimensions	65 x 60 x 30 mm		
Sensor options			
+ Support sensors	Support 3 sensors (dual sensor counts as two probes ex: Temperature/Humidity)		
+ Log file	200 records		