RHM.17 Electronic RH sensor (inside) + temperature sensor **A2220008**

RHO.17 Electronic RH sensor (outside) + temperature sensor **A5220016**

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Applications

The electronic relative humidity sensor is used to measure humidity in poultry and pig houses.

The electronic relative humidity sensors are available in two versions:

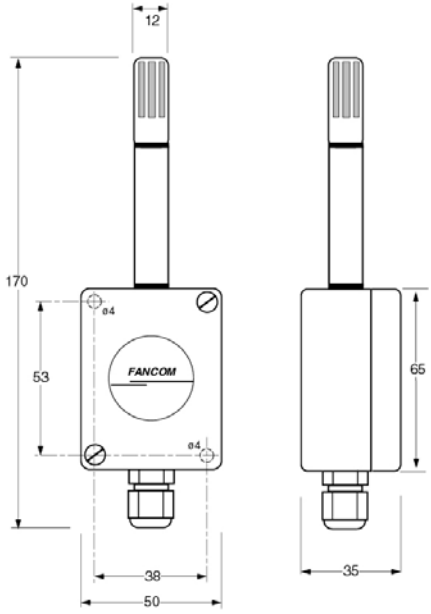
- The RHM.17 sensor for the measurement of inside relative humidity
- The RHO.17 sensor for the measurement of outside relative humidity

Some Fancom controllers can connect this sensor and use it to control humidification or dehumidification.

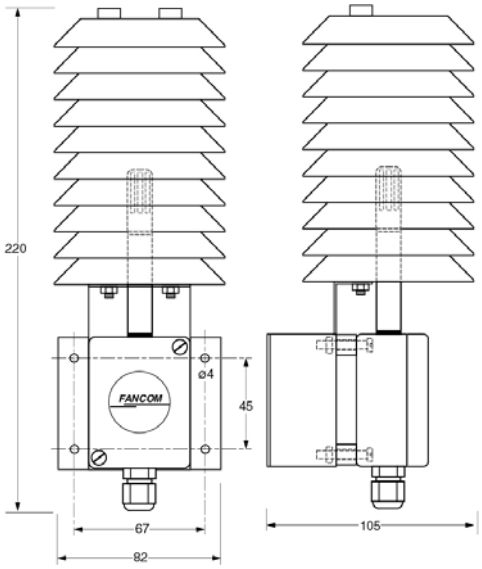
Features

- Both types of sensor include temperature measurement.
- The measurement is virtually impervious to interaction with other gases, such as ammonia, CO2 and dust.

Dimensions



RHM.17



RHO.17

Technical specifications

Power		
Operating voltage		8,5..30 Vdc
Output		0..5 Vdc (0..100% linear)
Current		15 mA
RH sensor		
Measurement range		0..100% RH (0..5 V), max. 1mA
Temperature range		-5°C to +50°C / 23°F to 122°F
Accuracy		±5% (0..100% RH) at -5°C..+50°C / 23°F..122°F
		±3% (50..90% RH) at -5°C..+50°C / 23°F..122°F
Temperature sensor		
Type		S7
Accuracy		0,3°C at 20,0°C
Temperature range		-20°C..+80°C / -4°F..176°F
Housing		
Type		ABS, IP65
Weight	RHM.17	0,07 kg
	RHO.17	0,35 kg
Filter		Sintered brass 50-75 µm
Wiring		
RH		3 x 0,8 mm
Temperature		2 x 0,8 mm