

ADS-RH-230 | Relative humidity sensor 230V

ADS-RH-230 is used to control ventilation, heat recovery and air conditioning systems. It can also be used for relative humidity measuring in industry, warehouses and likewise.

- > relative humidity measuring
- > 0 – 10V analog output + relay output
- > fully calibrated
- > good long-term stability
- > easy wall mounting



ADS-RH is a capacitive relative humidity (RH) sensor. It is equipped with a 0 – 10V analog output and with an output relay with adjustable switching level. The measurement is performed periodically after about 7s. Based on these measurements it is possible to directly control the ventilation, air conditioning and heat recovery units.

Parameter	Value	Unit
Power supply 50/60Hz	230	V AC
Input	max. 1	VA
Measuring range	0 – 100 %	RH
Resolution	0,5 %	RH
Accuracy	±4 % in range of 20 – 80 % RH	
Measurement period	7	s
Voltage output	0 – 10	V DC
Current output 1	0 – 20	mA
Current output 2	4 – 20	mA
Switched voltage	max. 250	V AC
Switched current	max. 5	A
Switching hysteresis	1,5	V
Working temperature	0 to +40	°C
Working humidity	0 to 100 %	RH
Storage temperature	-20 to +60	°C
Dimensions	125x83x37	mm

