

## ADS-RH-24 | Relative humidity sensor 24V

ADS-RH-24 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
- > analog output 0–10 VDC (0 - 100% RH)
- > output relay
- > fully calibrated
- > good long-term stability
- > easy wall mounting

ADS-RH is a capacitive relative humidity (RH) sensor. It is equipped with an output relay with adjustable switching level and with 0 - 10 V analog output. 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
Supply voltage range	14 – 24	V DC
	24	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

