

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
Power supply optional -		
AC 50/60 Hz	24	V AC
DC	14 – 24	V DC
Input	max. 1	VA
Switched voltage	max. 250	VAC
Switched current	max. 5	A
Switching hysteresis	1,5	V
Voltage output	0 – 10	VDC
Current output 1	0 – 20	mA
Current output 2	4 – 20	mA
Measuring range	0 – 100	% RH
Resolution	0,5	% RH
Accuracy	±4% in range of 20 – 80 %RH	
Measurement period	7	s
Working temperature	0 to +40	°C
Working humidity	0 to 100	%RH
Storage temperature	-20 to +60	°C
Dimensions	125x83x37	mm

