

Series
DPWC11200



■ **Features**

The DPWC humidity sensor is intended for humidification control in air ventilation, air conditioning and heating systems.

■ **Design**

The DPWC11200 humidity and temperature sensor has 2 analogue outputs: 0-10 V and 4-20 mA. An analogue output provides for stepless fan speed control (requires an EC-motor fan or an extra speed controller with an output 0...10 V, for example, VFED). With stepless control the fan speed is changed in proportion to the humidity level.

■ **Mounting**

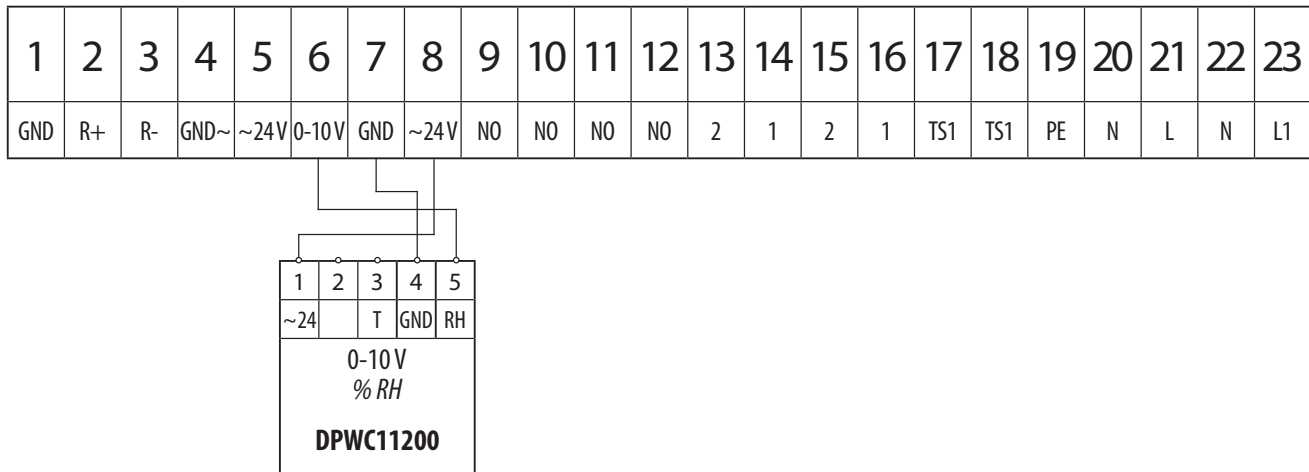
The sensor is mounted onto a wall in the serviced space. The unit is powered from a 24 V AC/DC low-current electric mains.

Technical data

Parameters	Values
Power source	8-30 V DC / 12-24 V AC
Analogue outputs	0-10 V and 4-20 mA
Temperature measurement precision	±1,2 °C
Humidity measurement precision	±3 % RH
Operating conditions	-10-60 °C; 10-90 % humidity without condensate
Protection class	IP30
Dimensions [mm]	127x80x30

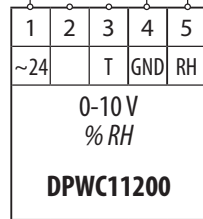
Connection diagram

VUTR P/V EC



DVUT HB EC

1	2	3	4	5		6	7		8		9
PE	N	L	NC	L	L	L	~24V	~24V	GND	GND	B5



DVUT PB EC

1	2	3	4	5	6	7	8		9	10		11	12		13		
GND	0-10 V	TACH	0-10 V	TACH	NO	GND	GND	~24V	~24V	NO	L	L	L	L	L	L	0-10 V

