

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