

# Douche

## Funki Douche

For controlling douche system in pig houses you need this new developed control. The control controls the douche periods as well as the steeping periods.

The control is easy to operate, with well-defined buttons for the individual functions, making daily operation easy.

The control contains an integrated real-time clock with battery backup for adjustment of "active period" during the day/night, where douche is desired as well as adjustment of the length of the steeping period.

The control controls a solenoid valve, which in the steeping period operates with fixed adjustable operation and pause periods.

In the douche period the solenoid valve is controlled, operating with a fixed entered operation time, and adjustable pause time, varying with the input signal. In principle the pause time is reduced with increased temperature in the house.

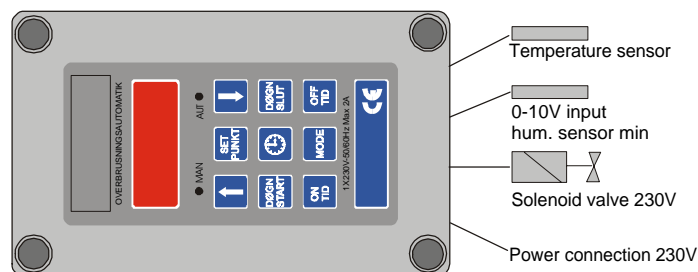
Pause time varies between min. and max. pause time, which can be entered internally on the control.

On the control "set point" is entered from which the pause times start to be reduced.

Input for the control can be a 0-10V signal, from e.g. PigCenter/PigMaster climate computer or other computers, or the control can be connected a separate temperatur sensor.



## Connection



## Technical data

- 207-253 VAC / 50 Hz supply
- 1 relais output 2A /230VAC
- 1 analog input 0-10V / 200 Kohm or Temperatur input -50+50°C / 0,1°
- 1 analog output 0-10V / 10 mA
- Auxillary DC supply out 24VDC / 20mA +/- 30%
- Real time clock with Lit.Bat. Backup
- Environment temperatur -5 - 45°C
- Air humidity 5-95% RH, non-condensing
- Operation from front (9 integrated foil buttons)
- LED marking of MODE
- Density degree IP 65
- Connection through "snap" terminals for fast installation
- EMC 89/336/EEC LVD 73/23/EEC (EN 50081-1, EN 50082-2)
- CE approved