



The
power to
control

Custom-made controllers

Controller for the prevention of Legionella

Project description

This controller has a number of digital and analogue temperature inputs and is also equipped with serial communication ports. The controller data is sent over the GSM/GPRS network to a central data server. After entering a password, the end customer can use an internet browser to view and analyse his own measurement data.

This system is currently used extensively to prevent Legionella. By registering the temperature of the water pipe at crucial

points, it can be determined whether Legionella bacteria could be present. An alarm signal is sent then to the building manager, who can then take appropriate action. It is also possible, however, to automatically control a flush valve to eliminate danger.

Customer

Specialist in the provision of measurement data (e.g. temperature, pressure, kWh).

Characteristics

- GSM/GPRS modem
- consumption 50mA on 24 V DC + 6mA per active input
- data log memory 255 Kbyte RAM with battery back-up
- operating temperature: 0°C to +70°C, up to 95% relative humidity
- real time clock



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