

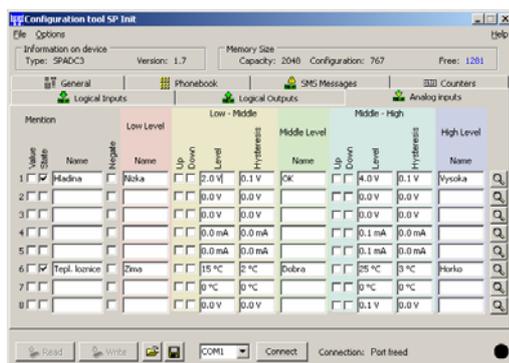
SPADC3(K), SPADC3(K) BOX Control And Monitoring of Technology Equipment

Basic Characteristics

SPADC3(K) is a remote control and monitoring module. It enables transmission of information about eight logical inputs and seven analogue inputs using SMS message service of GSM network. These SMS messages can be received by any device in the GSM network (e.g. owner's or maintenance personnel's mobile telephones, control computer with a GSM modem at the control room). The measured temperature values are indicated in the SMS messages directly in centigrade degrees. The defined emergency conditions result in immediate sending a SMS message to the predefined telephone numbers (boiler failure, gas leakage, rapid drop or rise of temperature or level) including information about the failure and restoration of power supply. Version SPADC3K is provided with a pushbutton used to suppress sending alarm SMS messages in case of regular testing of safety items of the boiler house.

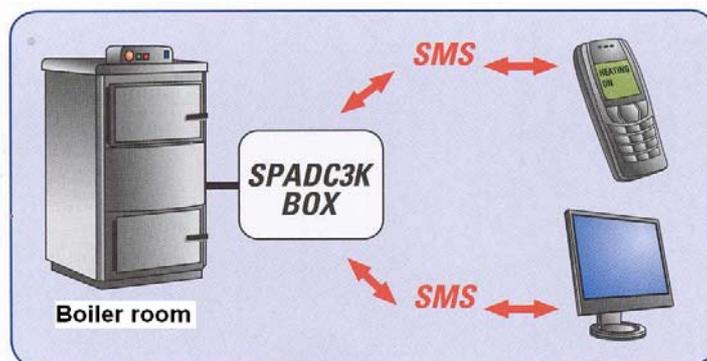
Use of SPADC3(K)

- **Boiler houses, heating plants and heat pumps**
- **Industrial buildings**
water plants, water reservoirs, water power plants, boiler plants
- **Houses, bungalows**
remote control of heating, water heating, air conditioning



Advantages of SPADC3

- **Simple installation**
the device comes in a box for installation onto a DIN rack or in case of version BOX in IP54 plastic casing for wall mounting
- **Easy monitoring**
just send a SMS message „STATE “ to receive a message about the state of the device inputs and outputs
- **Option with backup power supply version BOX**
230 V power supply and backup 12V acc., 1.2Ah
- **Free configuration SW** – user defined settings of module performance including the form of SMS messages and tel. numbers



Technical Data

Power supply: 14-30V, 0,5A
version BOX - 230V 5W max.

Logical inputs:

8 inputs

Analog inputs: totally 7 inputs

SPADC3K - 4x temperature sensor, 3x 0-10V
SPADC3 - 2x temperature sensor, 3x 0-10V,
2x 0-20mA

Logical outputs:

4 outputs, for relay coil 5V

Operating temperature:

-20 to +55 °C