

Measurement and indication block UA0009A1 of Control System SandRA Z100

The **UA0009A1** block is part of the robust and powerful **SandRA Z100** process station series, which is designed for use primarily in the **nuclear industry**. During the development of our control systems, we pay particular attention to safety and reliability, based on our long-standing presence in the **automation industry**.

The measurement and indication block is intended for independent measurement of supply currents and voltages of the linear stepper motor of the drive of the control mechanism of the nuclear reactor **VVER1200** and **VVER1000**. It is intended for use in the control drive sub-system of a control mechanism. The block contains 4 binary inputs, 6 binary outputs, 9 pulse inputs and 6 pulse outputs. All binary inputs and outputs are **galvanically isolated** from the internal circuitry of the board and the outputs are further isolated from each other. All data are transmitted to other parts of the system via **SSIO3** communication.



- Designed for 19" rack.
- Board dimensions 61.7 x 266 x 267.6 mm
- Communication via SSIO3 Master-Slave
- The block has an internal diagnostic system
- 4 binary inputs of free contact type
- 6 binary outputs
- 9 special pulse binary inputs.
- 6 special pulse binary inputs.
- The design and circuit design enables the Hot Swap function

