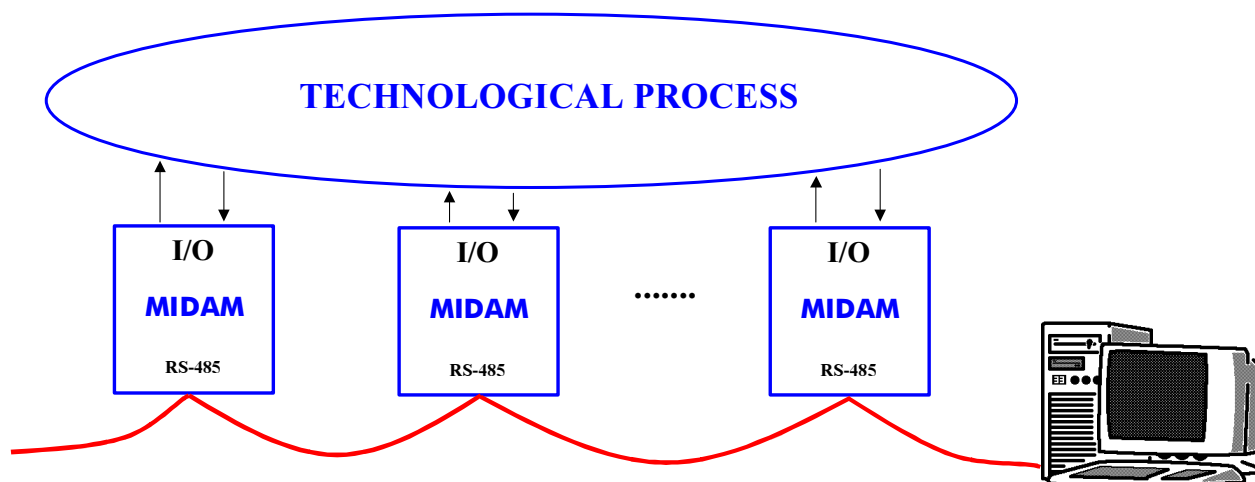




MIDAM

MIDAM Control System

MIDAM Control System is an integrated module series intended for modular distributed systems of measurement and control designed not only for industrial application. The modules communicate via the RS485 data bus while using a communication protocol which is identical with the ADAM modules by ADVANTECH company. Thus it is ensured that the system is 100% compatible with the current systems and most of the control and monitoring means available on the market at present. The modules may also be used to enhance the number of the programmable automatic device inputs and outputs.



All parameters are saved in an EEPROM memory. Indication LEDs make it easier to actuate the system and detect the condition of the outputs and inputs. The data bus and the inputs and outputs are galvanically separated in each one module.

The system may be enhanced with additional digital input/output modules, relay output modules, and analog input/output modules, including compact temperature sensors based on the Pt100 resistance sensing element, etc. As an important segment in the system, the RS232 - RS422/RS485 converter makes it possible that a device with the RS232 interface may be incorporated into the system.

Technical parameters

Supply voltage	10 V ÷ 35 V DC non-regulated 14 V ÷ 24 V AC
Communication properties	data transmission via RS 485 data bus baud rates: 1200, 2400, 4800, 9600, 19200 Bd max. segment length: 1200 m, asynchronous transmission up to 256 modules per one serial port communication protocol identical with the ADAM 4000 modules



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