

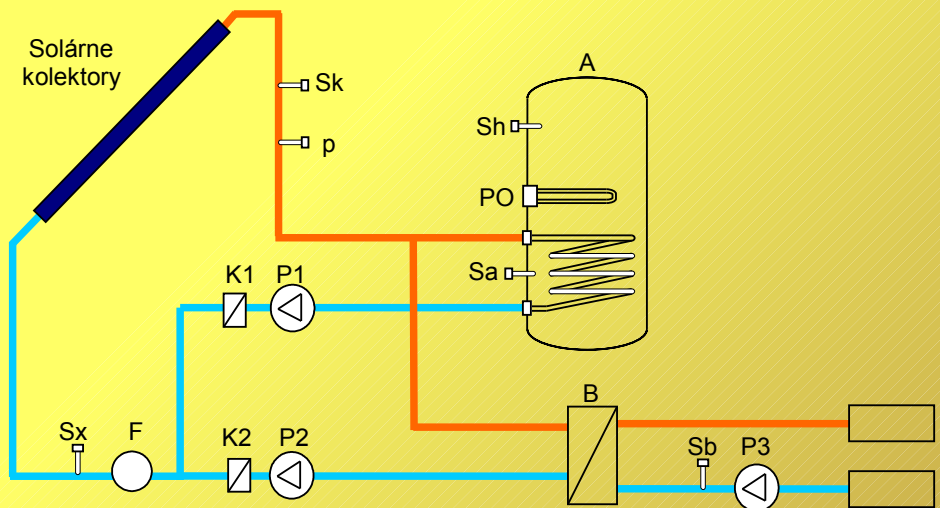


The DX4232 controller provides automatic operation of double-circuit solar systems. The device can be used in pressure and drain-back hydraulic.

Operating parameters are displayed on the LCD. Using the keyboard, you can set it to the desired working mode. There are eight inputs for temperature sensors, two triac outputs for pump control (continuously variable speed), and two potential-free relay contacts for control of freely programmable auxiliary outputs.

The device measures and records the amount of solar energy supplied to the system. It is possible to connect it to the PC.

- Freely programmable multi-function controller for solar and heating systems
- Displaying data on the LCD
- Measuring and recording of the supplied energy
- Possibility of manual operation
- Connection to PC



Block diagram of the controlled system with separate two pumps:
 A,B - exchangers, Sk, Sa, Sb, Sx, Sh – temperature sensors, p – pressure sensor
 F – flow meter,
 PO – auxiliary heating, K1, K2 – return valves, P1, P2, P3 - pumps

Technical data

| | |
|-------------------|--------------------------|
| Supply voltage | 230 V |
| Measure range | -25 ÷ 170 °C |
| Measure accuracy | ± 1,5 K |
| Sensors type | DX1083, DX1112 |
| Number of inputs | 12 |
| Number of outputs | 4 |
| Max. outputs load | 1A |
| Communication | active 20mA current loop |

Operating conditions

| | |
|----------------------|--------------|
| Ambient temperature | 5 ÷ 50 °C |
| Relat. humidity max. | 80% at 30 °C |
| Air pressure | 70 ÷ 106 kPa |

