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SCREEN RECORDER, KD7

KD710150161020
KD7 DATA RECORDER 6 x UIP, 8xDI, 4xAO



- Upto 24 measuring channels
- WWW and FTP server
- RS-232, RS-485 and USB serial interfaces
- 5.7" LCD screen

PRODUCT DESCRIPTION

The KD7 recorder is applied as a data acquisition station in measuring systems.
It suits applications to measure, visualize and supervise technical process parameters in various industrial branches, e.g. in pharmacy, food, chemical. It can be also used as an autonomous measuring and recording device.
KD7 recorder complies with the regulation 21 CFR Part 11, regulation for electronic records and signatures issued by Food and Drug Administration (FDA).

KD7 recorder is distinguished by:

- easy and intuitive servicing based on the graphical Windows and touch panel
- the following communication interfaces are available: RS-232, RS-485 MODBUS Master and Slave, MODBUS Slave TCP/IP (NEW), ETHERNET 10 Base-T, USB 1.1 Device
- possibility to exchange of configuration data between the recorder and PC through the USB interface or the CompactFlash card
- HTTP server" (WWW) enables to carry out through the WWW browser, the preview of the recorder current state* and the sampling
- mathematical functions
- archiving and visualisation of measuring data transmitted to KD7 from external devices via RS-485 MODBUS or Ethernet

MEASURING INPUTS and OUTPUTS

Depending on the model, KD7 has:

- 6 or 12 galvanically isolated analog measuring channels
- 16 measuring channels for data transmitted through communication interfaces
- 16 or 32 alarms and 8 or 16 digital inputs
- 4 or 8 analog outputs

DATA PRESENTATION

To illustrate the process run, the customer can choose many forms of data presentation:

- linear, bar trends, and circular
- digital and analog indicators
- statistics
- Each channel has the possibility to assign settings as: colour, name, range and presentation view

DATA ARCHIVING

For data archiving KD7 recorder has:

- exchangeable external memory (CompactFlash card), from 16 MB up to 4 GB
- 6 MB internal memory with data support

SECURITY

To ensure the recorder is secure in the network, each customer can individually login, password protect and configure the access rights to the recorder archive memory.

PC SOFTWARE

KD7 SETUP, KD ARCHIVING, KD CHECK and KD CONNECT programs are destined for KD7 recorder servicing:

- the KD7 SETUP program is used to configure the KD7 recorder
- the KD ARCHIVING program is designed for visualization, printout and export to CSV format, data recorded in the binary format with digital signature, obtained from the recorder

- the KD CONNECT program provides the communication between PC and the KD7 recorder through the USB link. It enables the acquisition of archived data from the recorder, writing and erasing data on the CF card
- the KD CHECK program is used for verification of the digital signature in archive