KDI FlexDAQ® USB Data Acquisition System

KDI FlexDAQ

KDI FlexDAQ M1608U

- Accepts up to 8 FlexDAQ IO modules
- USB connection to PC
- Onboard memory and CPU
- High quality anodized aluminum case
- Works with 220VAC (power supply included)

KDI FlexDAQ IO Modules

- Wide choice of IO including DI, DO, AI & AO cards
- Up to 128 channels per chassis
- 12-bit resolution
- Custom made cards available for your specific application

Operating System

- Windows 2000/XP

Recommended Software

- LabVIEW

Overview

KDI FlexDAQ is a user configurable multi-function data acquisition and control system with USB connectivity that gives the users, an inexpensive solution to data acquisition applications such as temperature, humidity, pressure, flow, biomedical signals, level measurement etc…

The modular design can measure up to 128 channels of various signals. The broad range of available IO cards gives the users a free choice of signal inputs and outputs.

KDI FlexDAQ motherboard's onboard memory and CPU ensures a precise and indpendent measurement of signals even when not connected to PC or when the PC is turned off, though makes it an ideal solution for long time data logging applications like cleanroom and condition monitoring.

Key Features

- Small, modular data acquisition system for industrial measurements
- USB plug-and-play connectivity to PC
- Autodetectable FlexDAQ IO modules
- Onboard memory to save data when the PC is off or not connected to FlexDAQ
- Onboad RISC CPU to perform data acquisition and control tasks, independent of PC

FlexDAQ IO Modules

Type of Signal	Signal	Module	Channels	Special Features	Connectivity
Analog Input	0-20mA	16CIO20	16	High CMRR, low noise 12-bit	Screw Terminals
Analog Output	0-10V 4-20mA	08CO420	8	12-bit, current and voltage outputs	Screw Terminals
Digital Input	Switch Input	16SWI	16	Opto-Isolated switch inputs	Screw Terminals
Digital Output	Electromechanical SPDT Relay	08RLY03	8	5A, 250VAC SPDT relay outputs	Screw Terminals

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