Introducing the KS98-RAIL

Comprehensive Sophisticated Control And Supporting Utilities For Demanding Process Applications

Embedded Data & Event Logger
Data Acquisition for High Precision Measurements

Ready for What's Next
Fully Modular, Expandable & Scalable System

Complements PLC Systems
Measurement Accuracy & Proven Control Algorithms

Flexible I/O with Ethernet Communication
Supports Up to 60 Control Loops & 15 I/O Slots

Versatile Hardware

Our state-of-the-art design handles analog variables with precision, ensuring constant optimal performance. With direct support for most sensors and galvanic isolations, you can wave goodbye to the hassle and costs of installing additional signal transmitters. Trust us to provide you with a seamless, cost-effective solution that will take your application to the next level!

Remote or Connected Access

The KS98-Rail provides easy access to the unit with a PC through a network connection or USB front interface. This feature allows for fast parameter adjustments and issue identification, ensuring efficient maintenance and troubleshooting.

Comprehensive Programming

KS98-Rail provides a user-friendly graphical engineering tool with embedded process simulation for creating application programs. The function-block editor has a library of control functions to compile, test, and optimize. It enables engineers to streamline their workflow and quickly achieve optimal performance, making it an efficient solution for the process industry.
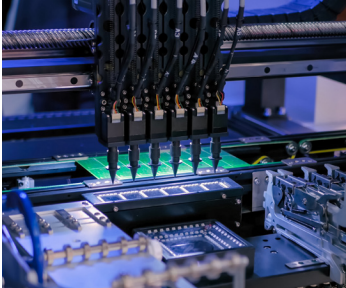
Flexible Control System

The KS98-Rail is a highly versatile process automation system engineered for top hat rail mounting. It features flexible inputs and outputs that are easily adaptable to meet the unique needs of any given application. With its optimized functionality, reliability, size, and cost, the KS98-Rail is an excellent foundation for any automation solution.

LEVEL | FLOW | PRESSURE | TEMPERATURE | SOLENOID VALVES | FLUIDIC SYSTEMS

KS98-Rail

A Valuable Solution Where Process Control Performance is Key

Semiconductor

Solar

Industrial Furnace

Climate Control

Aseptic Packaging

Powder Coating

Extrusion & Casting

Boiler Control

Specification Overview

- ✓ **24 VDC Powered CPU**
  - Control Up to 60 Control Loops
  - Real-Time Clock with Battery Backup
- ✓ **Communication**
  - Ethernet
  - USB
  - CAN
  - RS485
- ✓ **Up to 15 I/O Units**
  - Analog Inputs: Universal, Resistive, Thermocouple, Voltage
  - Analog Outputs: Linear Voltage, Linear Current, Bipolar
  - Digital I/O: 24V Digital*, SSR Driver
- ✓ **Relay Outputs***
- ✓ **USB Host Interface**

Key Features

- ✓ Scaling & Linearization of Measured Signals
- ✓ Controllers with Self-Tuning, Auto/Manual, Parameter-Set, Setpoint Selection & Limitation Functions
- ✓ Modular Programmer with Multiple Recipes, Auto/Manual Operation, Manual or Automatic Search, Master/Slave Tracks & More
- ✓ Math & Logic Functions
- ✓ Datalogger Functions to Record Process Values Over Time
- ✓ Event Logger to Record Events with Timestamp
- ✓ Clock Functions

Consult Factory

Gems Sensors & Controls