



Product Overview
The VK810 is a high-performance, multi-channel signal conditioner and data logger. It is designed for use in industrial and scientific applications where precise data acquisition and processing are required. The device features a robust, rugged design and is capable of handling a wide range of input signals, including analog and digital. It is equipped with a variety of features, such as programmable gain amplifiers, differential inputs, and a built-in microcontroller for data storage and processing. The VK810 is also compatible with a range of communication protocols, making it easy to integrate into existing systems.



Key Features
The VK810 offers a range of features that make it a powerful tool for data acquisition and processing. These include:

- Multi-channel input capability
- Programmable gain amplifiers
- Differential inputs
- Built-in microcontroller for data storage and processing
- Compatible with a range of communication protocols
- Rugged, industrial-grade design

Applications
The VK810 is suitable for a wide range of applications, including:

- Industrial process control
- Scientific research
- Environmental monitoring
- Structural analysis
- Automotive testing

Specifications
The VK810 is designed to meet the most demanding requirements for data acquisition and processing. Its specifications include:

- Input range: ±10V
- Resolution: 16-bit
- Sampling rate: up to 100,000 samples per second
- Operating temperature: -40°C to 85°C
- Supply voltage: 5V to 15V

Ordering Information
The VK810 is available in several different configurations to suit your specific needs. Please contact your local distributor for more information on the different models and their pricing.

Support and Resources
Vishay offers a range of support and resources for the VK810, including:

- Technical documentation (datasheets, application notes)
- Software tools and drivers
- Training and seminars
- Customer support and technical assistance

Company Information
Vishay is a leading manufacturer of precision electronic components and sensors. With over 60 years of experience, we are committed to providing our customers with the highest quality products and exceptional customer service. Our global network of distributors ensures that our products are available wherever you need them.

Contact Us
For more information on the VK810 or to place an order, please contact your local distributor or visit our website at www.vishay.com.

Disclaimer
The information provided in this document is for informational purposes only and does not constitute a warranty. Vishay reserves the right to change the specifications and features of the VK810 without notice.