

Herion Solenoids User Guide

The Jan. 1956 issue includes Fluid power engineering index, 1931-55.

Vols. for 1970-71 includes manufacturers catalogs.

Authored by a team of acknowledged experts, this book presents a multidisciplinary view of the state of the art in the field of actuators. The goal of the book is to provide a comprehensive overview of the properties, applications, and potential applications of traditional and unconventional actuators, together with their corresponding power electronics. Special attention is paid to the objective assessment of competing actuator principles. The book is written primarily for designers and engineers in research and development, but will also be valuable as a textbook for students of automation engineering, mechatronics and adaptronics.

Both from a morphological and a functional point of view, the nucleus is central to modern cell biology. Transport of proteins and RNAs between the nucleus and the cytoplasm continues to be a fascinating research topic on its own. Furthermore, it affects many aspects of gene expression and general cellular functions and has far-reaching implications for human health. In this book, we cover a wide range of topics from the nuclear transport field. Individual chapters deal with the general concepts of nucleocytoplasmic transport, with various transport pathways like nuclear protein import, mRNA export and tRNA trafficking, and with the molecular mechanisms that govern macromolecular exchange between the two compartments. Others address new technologies that will help to answer open questions in the future. Together, we hope to provide a collection of reviews that should be useful for experts in the field, as well as for a wider audience.

Sensors and Sensory Systems for an Electronic Nose reviews the current state of progress in the development of an electronic instrument capable of olfaction. The instrument -- the so-called electronic nose -- has enormous potential for application in such areas as product flavor control and environmental monitoring. The book discusses the essential elements of an electronic nose, such as chemical sensors, signal processing, and pattern recognition techniques. It is also one of the first contributions to the new and exciting field of machine olfaction.

Helps you to make a risk assessment on whether you need a ROSOV and details the steps for implementation. This title is suitable for operators and managers of installations which handle, store or process hazardous substances, as well as plant supervisors, design, process and maintenance engineers and safety professionals.

Instrumentation and automatic control systems.

Concentrates on the broad field of multidimensional chromatography and its applications in various areas, including pharmaceutical, industrial, environmental, biological and petroleum. Presents information for using multidimensional chromatography in the analytical laboratory. Contains invaluable information put together from the experience and research activities of the authors including Keith Bartle - a pioneer in multidimensional chromatography. First book to discuss all multidimensional techniques Covers a subject area that is part of the exploding field of hyphenated techniques Includes a general introduction to all areas of the subject followed by applications

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