

**Your Partner in Total Automation and Process Control**

**FESTO**



**Supported locally by:**

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**ncc**  
CREATING SOLUTIONS

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## Pneumatic Drives

## Fittings & Tubing



Linear



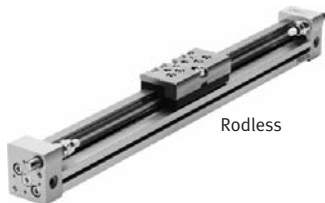
Standard

### Pneumatic Drives

Millions of Festo cylinders are used reliably every day and they have been for more than 40 years. All Festo cylinders are designed and manufactured to stringent quality control methods, which results in superior products of the highest standard. So whether your application is for ISO cylinders, rodless cylinders, semi-rotary drives, grippers, compact cylinders or pneumatic drives with integrated linear guides, Festo has the answer. A large number of variants are available for virtually every option, meaning that you get the best technical solution at the best price.

### Fittings & Tubing Combinations

Everything from a single source, Festo offers a precisely tailored and economical solution to all connection problems. Thanks to a wide variety of resistance properties and characteristics we can provide the ideal combination of tubing and fittings for every application. Flame retardant to antistatic, from Food Industry compatibility to welding splatter resistance, you only pay for the functions you need.



Rodless



Rotary



Gripper



Food Grade



Threaded



Stainless

## Air Preparation



Modular

### Air Preparation

The preparation of compressed air has to meet the requirement of the specific application. The Festo range features state-of-the-art functionality for central and decentralised compressed air preparation. So whether your application requires the “basics” or the most stringent air quality requirements, Festo has the individual devices and pre-assembled combinations to meet your specific needs either from the main compressor line or at your specific machine. An emerging trend in the automation industry is the reduction of costs through the monitoring of compressed air.



Safety Cat 3&4



Basic Design



Intelligent

## Process Solutions



Actuated Ball & Butterfly

### Complete Process Solutions

As a worldwide partner in the area of process automation, Festo supplies ready-to-install pneumatic products that are fit for purpose and highly economical. Festo provides all the components needed for an entire control sequence in the process industry, from individual components with standardised interfaces, to control systems. Festo caters for all areas such as of Hygienic process (Chemical industry, Food production, pharmaceuticals) or Non-hygienic processes (Petrochemicals, Paper production, Oil and Gas industry).



Knifegate & Penstock



Solenoid



3 way Ball Valves

## Individual Valve



Compact

## Valve Terminals



Modular Block

### Inline Valves

When it comes to valves, Festo is a leader in the industry for the most complete and complex range of valves needed for a wide range of applications. Pneumatics still demands the attributes of high flow rates, small installation space requirements and convenient connection technology. The Festo range covers all operational methods such as manual, mechanical, pilot, electrical & proportional, that is why there is always the right and most efficient valve in the range to meet the needs of our customer's.

### Valve Terminals

Festo is the market leader worldwide offering the largest and most flexible range of Valve Terminals. Valve Terminals are completely preassembled modules consisting of pneumatic valves, electrical connection technology and communication network capabilities. Festo Valve terminals are extremely versatile thanks to their flexible configuration options and the different variants available. Festo provides an all in one "complete" module allowing for easy installation which from a customer's perspective is a major benefit.



Polymer Design



High Speed



Proportional



Compact Design



Multi-Pin



Washdown

## Electric Drives

## Sensors & Vision Systems



Spindle & Toothed Belt Drives



Flow Sensors

### Electric Drives

Festo electric drives offer complete electric drive systems from a single source. This means with Festo electric drive systems on your machines, the design, installation, and commissioning processes need no longer be impaired by integration problems. The project can then proceed unimpeded allowing you to focus on functionality and performance from concept to completion. Your finished machines will therefore deliver better performance, reliability and value for money.

### Sensors and Vision Systems

Whether you're looking for proximity sensors, position transmitters, pressure and vacuum sensors, flow sensors, inductive or optical sensors, Festo caters for all your sensing needs. Furthermore, we now offer compact vision systems. If your requirement is for monitoring high speed motion sequences or quality inspection, Festo's solutions are in sight!



Linear



Pressure & Vacuum



Rotary



Inductive

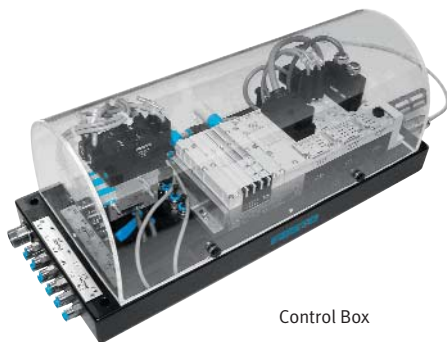


Servo Motors & Controllers



Vision Systems

## Customer Solutions

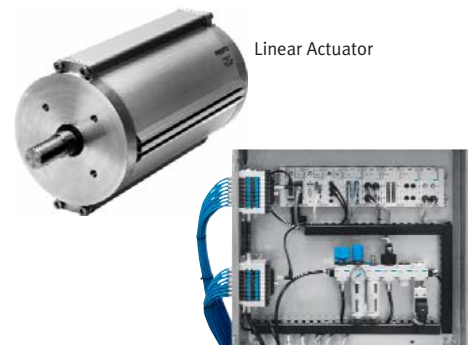


Control Box

### Customised Solutions

If standard products don't solve the problem, Festo will work with you to devise a customised solution optimised for price and performance. Festo's ready to install solution combines catalogue component with customer-specific solutions, thus providing a definite response to the needs of our customers. The range of cabinets have been specially designed to meet a wide range of automation requirements providing you with a fast solution to complex tasks.

## Industry Specific



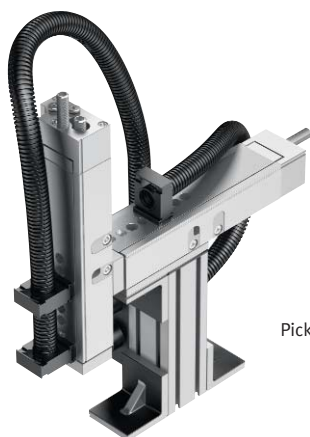
Linear Actuator

Control Cabinets

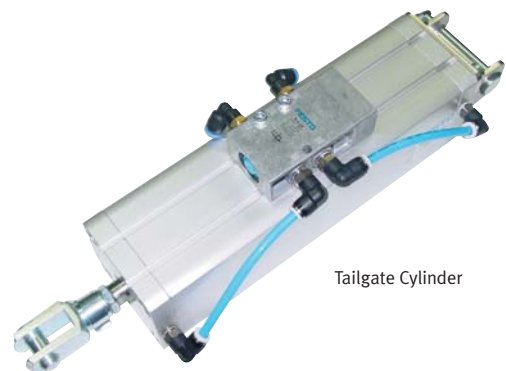
### Mining & Transport

Pneumatics plays a key role in the Mining & Transport industry. Festo provides an extensive range of industry specific products for the mining industry whilst considering the harsh environmental conditions in order to satisfy the needs of the industrial segment.

For over a decade Festo have been supplying ready assembled actuators for the transport industry, whether it be Linear/Rotary, Tailgate cylinders and Door motors. Festo is equipped to supply control panels built to your specifications.



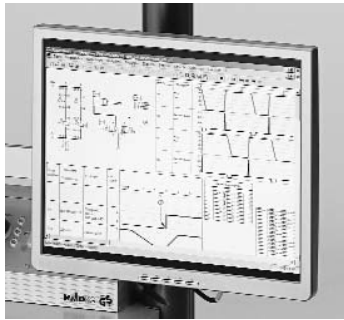
Pick & Place



Tailgate Cylinder

## Training & Software

## Online Services



Software

### Knowledge & Competence

It all begins with training which leads to productivity. Festo is the world leader when it comes to education and training for industries and universities. As a provider for training this extends to technical learning systems for both hardware and software programs including design tools.

Training courses are offered from basic Pneumatics to Mechatronics. Courses can be held on customer's premises and tailored to suit their requirements.



Training Courses



Product Selection

### Online Shop

Online is the most convenient way to purchase products, it is faster than ever before, more reliable and allows customer's to select from a vast range of products, over 20,000 of them.

Festo Online uses modern technology to assist customers to search the catalogue for up to date information on products and also:

- Price and Availability
- Simulate and Configure products on your own
- Place orders
- Track your order status



Order Placement



Head Quarters - Berkhiem



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