

Need Pneumatic Components?

Everything you need at great prices, in stock and ready to ship same day

**AIR PREP
COMPONENTS**
STARTING AT
\$14.50
(AF-223-M)

**SOLENOID
VALVES**
STARTING AT
\$21.00
(AVS-3111-24D)

**PNEUMATIC
CYLINDERS**
STARTING AT
\$11.50
(A07005SN)

**ALL COMPONENTS AS
SHOWN TOGETHER**
\$303.25

Pneumatic Air Preparation

All pneumatic motion requires clean and dry air with enough flow to provide the required pressure. The process of filtering, regulating and lubricating compressed air is known as air prep. The NITRA family of air preparation components include:

- Filters with 40 micron filter element (5 micron option) in sizes from 1/8" to 1" NPT port sizes
- Regulators with adjustment from 20-130 PSI and 4-57 PSI
- Combination filter/regulators available with same options in one unit
- Lubricators in 1/8" to 1" port sizes
- Total air prep units that combine all air preparation functions in one compact unit

Solenoid Valves

Solenoid valves are electrically controlled to direct air flow to sequence operations in pneumatic systems. Solenoid valves are used to control cylinders, rotary actuators, grippers and other pneumatic devices. Use a manifold to simplify plumbing for a bank of valves. Modular systems even allow networked control of valve group.

- Available as stand-alone units or as part of a compact modular valve system
- Stand-alone units can be used with optional manifolds to make system configuration simpler
- Available in 3-port/3-way, and 5-port/4-way styles
- 4-way valves come in 2-position or 3-position styles with center closed or center open

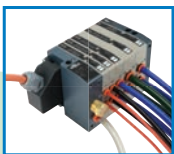
Pneumatic Cylinders

The most popular style of pneumatic actuator uses compressed air acting on a piston inside a cylinder to move a load along a linear path.

- Round body cylinders available in single-acting or double-acting styles, with up to an 18-inch stroke and 2-inch bore. Also available in stainless steel. Magnetic pistons are optional.
- NFPA tie rod air cylinders come in double-acting style, with up to a 24-inch stroke and 4-inch bore. All include a magnetic piston. Adjustable air cushions are an option.
- ISO 15552 air cylinders are double-acting cylinders with up to a 600mm stroke and 100mm bore. All include magnetic pistons and adjustable air cushions.
- Metric and Inch compact air cylinders as well as dual rod guided air cylinders also available.

Also Available

Modular Solenoid Valves



NFPA Tie-Rod Cylinders



Coalescing Filters



Research, price, buy at:

[www.automationdirect.com/
pneumatics](http://www.automationdirect.com/pneumatics)

Order Today, Ships Fast!

*See our Web site for details and restrictions. © Copyright 2019 AutomationDirect, Conway, GA USA. All rights reserved.



AUTOMATIONDIRECT.com
1-800-633-0405 the #1 value in automation