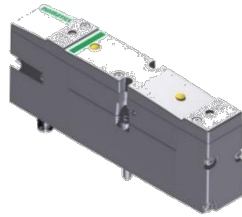




MARKETING PRODUCT UPDATE

New ASCO Numatics 503 Series 5/3 Open Center, Spring and Detent Valve



Description	Part Number
5/3 Open Center, Spring and Detent Valve	R503A1BS0MA00F1

Overview

We are pleased to introduce the ASCO Numatics 503 Series 5/3 Open Center, Spring and Detent Valve. In the event of an electrical power loss the last state of the valve can be maintained via the detent. In vacuum or clamping applications this ensures that the part is securely held in place, even without power.

The 5/3 Open Center, Spring and Detent Valve is a double solenoid 3 position 4-way valve with the center open to exhaust, a spring on the 14 side, and a detent on the 12 side. When the solenoid coil on the 14 side is energized the spool is held in place by the detent on the 12 side, even when the 14 side is deenergized. To return the valve to the center position the solenoid coil on the 12 side needs to be energized and de-energized again.

Segments and Applications

Automotive, body and paint and packaging, case packing are key targets. Applications that employ vacuum and clamping with or without robots in close proximity to workers present a strong opportunity.

ASCO Advantages

- Enhanced worker protection from potentially hazardous operator interfaces
- Reduced scrap from dropped products
- Valve function simplifies controller program

Technical Information

Valve Series	Rating	Function	Voltage	Actuators	ANSI Pneumatic Symbol
503	IP 65	3 Position, Open Center, Spring and Detent	24 VDC	Solenoid Pilot Assist	

For More Information

- **503 Series Valves:** <http://www.asco.com/en-us/Pages/pneumatic-valve-series-503.aspx>