

Full range of components, highly configurable!



Standard assemblies or engineered for the application

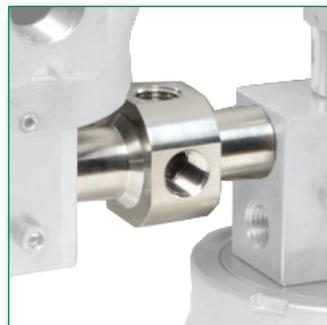
Actuator Control System Benefits:

- Corrosion resistant due to the use of 316L Stainless steel throughout
- System engineered by ASCO Numatics freeing up engineering time
- All components mounted on stable, vibration resistant panel easing installation
- One flow factor for the complete system enabling fast and easy determination of actuator speed
- Modular assembly enables infinite number of variations to suit any application
- Can incorporate any threaded component demanded by the application
- Uses standard, industry proven components to ensure reliability
- Unique coupling system independent of thread tolerances, enabling easy component interchangeability and maintenance

Reliable, industry proven solenoid technologies



Unique versatile coupling system



All major hazardous area approvals available.



Solenoid valves TUV certified to IEC 61508, can be used up to SIL 4

GENERAL

- Available in 1/4" and 1/2" sizes
- Full 316L stainless construction
- System will be designed to meet the maximum possible pressures and temperatures of the application
- All materials of construction will be selected based on the stated atmospheric conditions and flowing media of the application
- Any standard threaded component can be incorporated into the Actuator Control System (a summary list of standard components is shown below)

		<p>Filter regulator To regulate the inlet pressure to the actuator control system and filter the flowing medium</p>
		<p>Non return valve To prevent the flow of medium from the actuator into the upstream piping in the event of a loss of upstream pressure</p>
		<p>Speed controller To adjust actuator opening or closing speeds to meet the needs of the application</p>
		<p>Tee Used to install additional components in the system or when a secondary source of regulated pressure needs to be supplied to any ancillary components</p>
		<p>Pressure relief valve To prevent the actuator being over-pressurised in the event of a pressure surge or failure of the filter regulator</p>
		<p>3/2 Solenoid valve Many different 3/2 solenoid valves can be installed dependent on the pressure, temperature, required flow rate and electrical classification</p>
		<p>5/2 Solenoid valve Many different 5/2 solenoid valves can be installed dependent on the pressure, temperature, required flow rate and electrical classification</p>
		<p>Isolation valve Can be used anywhere in the system to isolate individual components, to isolate the Actuator Control System from the upstream pressure or to isolate the actuator from the Actuator Control System</p>
		<p>Pressure gauge Used for a local indication of pressure (required for commissioning, maintenance or trouble-shooting)</p>
		<p>Quick exhaust valve Used when there is a requirement for the actuator to move to a fail-safe or other specified position within a specified time and the desired exhaust rate cannot be achieved by using the exhaust port of the solenoid</p>

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