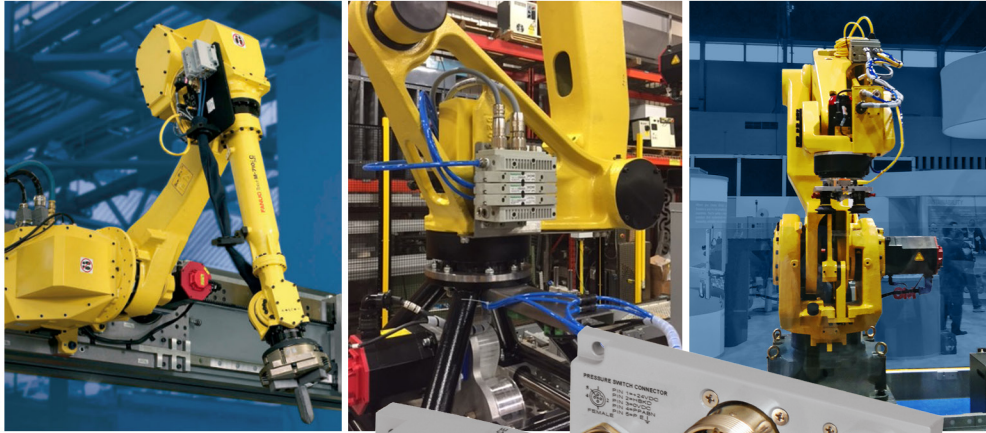


APPLICATIONS

- Machine Automation
- Automotive
- Food and Beverage
- Packaging
- Life Science & Pharma



FEATURES & BENEFITS

We are pleased to introduce an interface for FANUC robots to integrate ASCO Numatics valve manifolds. The ASCO Numatics Robot End Effector (EE) Connection Interface endplate makes it quick and easy for system integrators to implement a pneumatics solution on a FANUC robot using our valve manifolds. The new interface eliminates the need for external junction boxes or wire terminations. This reduces the overall implementation cost, reduces the footprint of the solution, and improves reliability.

This EE Interface is compatible with Numatics 500 Series and Generation 2000¹ valve manifolds.

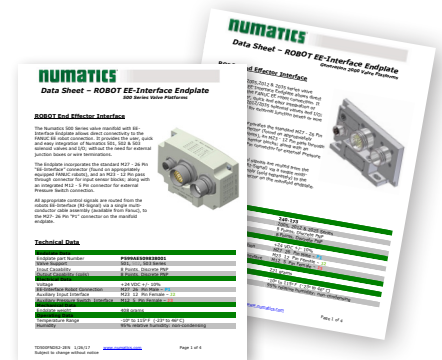
- **Increased System Flexibility**
Standardized plug and play solution for the customer (FANUC integrator), which enables a significant reduction in installation time.
- **Reliability and Performance**
Machine reliability is improved due to fewer external cables, which may be prone to damage.
- **Simplified Component Management**
A single component replaces multiple parts improving component management, assembly time, and potential for wiring errors.
- **Overall Footprint Reduction**
ASCO Numatics robot interface endplate has a small footprint due to the fewer number of components.
- **Internal Cable Routing**
The control signals are routed from the robot's EE Interface via a single multi-conductor cable (available from FANUC).



SPECIFICATIONS

	500 Valve Series	Generation 2000 ¹ Valve Series
Endplate Data		
Endplate Part Number	P599AE509838001	240-173
Valve Support	501, 503	2005, 2012, 2035
Input Capability	8 Points, Discrete PNP	
Output Capability (coils)	8 Points, Discrete PNP	
Electrical Data		
Voltage	+24 VDC +/- 10%	
EE Interface Robot Connection	M27 26 Pin Male – P1	
Auxiliary Input Interface	M23 12 Pin Female – J2	
Auxiliary Pressure Switch Interface	M12 5 Pin Female – J3	
Mechanical Data		
Endplate Weight	408 grams	221 grams
Operating Data		
Temperature Range	-10° to 115° F (-23° to 46° C)	
Humidity	95% relative humidity: non-condensing	

¹ FANUC End Effector Connection Interface not compatible with the Generation 2002 valve.



Technical documents for the 500 Series and Generation 2000¹ valves are available on: www.asco.com

ASCO Numatics FANUC Robot EE Connection Interface is available for configuration and CAD drawing download via Numatics DPM sales tool at www.asco.com. For additional information please contact Customer Service by phone at +1-888-686-2842 or +1-248-596-3300 or by e-mail at an.insidesales@emerson.com.