

MICRO LOGIC VALVE

E024-900

FOR 'ON-OFF' CONTROL



Lightweight, Compact, and High-Performing: Designed to meet the rigorous demands of Formula 1 racing.

Evolution of E024 Series: Builds on the reliability of the E024 Series Motorsport Servo Valve.

Swift-Response, High-Flow Solution: Outperforms traditional solenoid-operated switching valves.

Versatile 4-Way Spool Design: Configurable for both 3 and 4-way operations.

Suitable for Single and Double-Acting Cylinders: Offers flexibility in various applications.

Durable Build: Maintains the robust construction of its predecessor.






7.5 l/min Flow Rate: Consistent with the E024 Series Servo Valve.

Reduced Hydraulic Pilot Flow Requirement: Lowers energy consumption of the hydraulic system.

BENEFITS

- + Ultra light-weight **95gm (3.35 oz)**
- + Compact space envelope
- + High power density
- + Low power input signals (**12mA or 12v**)
- + Compatible with F1 ECU outputs
- + Fast response to command inputs
- + Excellent energy efficiency
- + High (**7.5 l/min**) flow capacity

TYPICAL APPLICATIONS

-  Formula 1 (DRS Actuation, Turbocharger Controls)
-  Medical prosthetics
-  Subsea equipment
-  Special effects in film and theatre
-  Mobile robotics

FIA APPROVED ELECTRONICS

All Moog electro-hydraulic products used in Formula 1 are homologated by the FIA, indicating they are approved for use with the mandated Formula 1 Electronic Control Unit (ECU).



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