750 Series Double Feeding 2/2 encloses in a single body eight shutters, having NC configuration. This Series is characterized by two separated inputs, providing for the feeding of the 1, 3, 5, 7 outlets (feeding ps) and 2, 4, 6, 8 outlets (feeding p1). Such a configuration allows the management, in a small-sized compact single body, two groups of pneumatic users at differentiate pressure.

In the present model, all the innovations offered by Matrix technology (this combines special dynamic performance to the simplicity and reliability of manufacture) are present. Response times are of millisecond range, while operation life is over 500 million cycles.

With a speed-up kind control, dynamic characteristics are even more improved. Standard 24 VDC control solenoid valves have a response time lower than 5 ms in opening and than 2 ms in closing, with a maximum operation frequency 200 Hz. Speed-up control solenoid valves have a response time lower than 2 ms both in opening and in closing, with a maximum operation frequency of 300 Hz.

Besides high-speed characteristics, 750 Series solenoid valves offer flow rate values up to 100 l/minute (ANR) for every single outlet, with feeding pressure from 0 to 4 bar.

For 750 series, a lot of accessories is available, such as IP 52 or IP 56 connectors, manifolds with different positions and speed-up driver boards.

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**Advantages**

- Compact dimension.
- Short response times.
- Insensitivity to frequency work and to vibrations.
- Low absorbed power.
- Precision, repetitiveness and flexibility.
- Long operating life.

**Applications**

- Process and precision instrumentation.
- Robotics and industrial automation.
- Positioning systems.
- Pilot systems.

**Materials**

- Body in PPS.
- Flanges in Al.
- Seals in NBR (shutters in HNBR if required).