

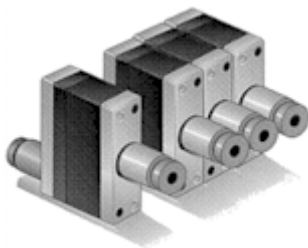
820 Series

TYPE & FUNCTION: 2/2 NC

TYPICAL MODELS & FLOWRATE:	MX821.100C224	100 l/min @ 6 bar
	MX821.100C2XX	100 l/min @ 6 bar
	DMX821.100C2KK	100 l/min @ 6 bar
	NX821.100C2XX	140 l/min @ 6 bar
	NX821.100C2KK	140 l/min @ 6 bar
	OX821.100C2XX	180 l/min @ 6 bar
	DOX821.100C2KK	180 l/min @ 6 bar



TYPICAL APPLICATIONS:



In food processing, electronic and pharmaceutical applications they are used for ejecting non-complying materials or for quality tests (sorting applications). Valued for reduced dimensions (12mm pitch) and remarkable operating speeds, in textile looms they are used to clean various enslavements (e.g. hackles) or to eject the yarn. In robotics, they are used to control the cylinders and to regulate the charge/discharge of pneumatic chambers (see EPR Series operating description). The 820 Series solenoid valves can be used in food processing equipments, robotic, textile and in particular in any sorting / separation application such as tobacco, fruit, vegetables, tablets, chips, etc. Recently they are also used in several recycling applications for glass, metals, plastics, etc. Thanks to the PWM control, in medical applications, these products are used to precisely dose the quantity of fluids with extreme accuracy. Precision, repeatability, reduced response times and long life of the product are fundamental for all of these applications.

ADVANTAGES:

- Compact dimensions, small footprint and light weight
- High flowrate values (up to 220 l/min @ 6 bar)
- Short response times (lower than 1ms)
- High operating frequency (up to 500 Hz)
- Low power consumption
- Precision, repetitiveness and long maintenance-free operating life.

