

850 Series

TYPE & FUNCTION: 2/2 NC

TYPICAL MODELS & FLOWRATE:



MX859.900C224	100 l/min X 9 @ 6 bar
MX859.900C2XX/KK	100 l/min X 9 @ 6 bar
NX859.900C2XX/KK	140 l/min X 9 @ 6 bar
OX859.900C2XX/KK	180 l/min X 9 @ 6 bar
MX853.300C224	300 l/min X 3 @ 6 bar
MX853.300C2XX/KK	300 l/min X 3 @ 6 bar
NX853.300C2XX/KK	420 l/min X 3 @ 6 bar
OX853.300C2XX/KK	520 l/min X 3 @ 6 bar
MX851.100C224	900 l/min @ 6 bar
MX851.100C2XX/KK	900 l/min @ 6 bar
NX851.100C2XX/KK	1260 l/min @ 6 bar
OX851.100C2XX/KK	1620 l/min @ 6 bar

TYPICAL APPLICATIONS:



The application fields are the same as the 820 Series but with an even wider range, in particular for sorting/separation systems. The versions with a single control for each outlet are suitable for those applications with a big consumption of valves in reduced areas. The flow rates depend on the number of outlets and material to be sorted. The 850 Series is used to sort/recycle chocolate bars, rice, cereal, shrimp, tomatoes, dried fruit, glass, plastic, industrial or domestic waste, paper, minerals and metal. In the versions characterized by a single outlet and multiple electric controls (ex. MX 851.900C224), it is possible to get a variable flow, therefore a proportional valve in flow rate by controlling independently each coil. In this way it is possible to easily modify the technical characteristics of the sorting equipments in order to sort parts with a different mass and dimension. The speed-up versions allow to get higher flow rates and reduced response times if compared to the standard 24VDC versions. The 850 Series is also suitable to control the force/speed of cylinders and pneumatic slides or the flow into pneumatic chambers. Other fields of application are food processing, pharmaceutical, tensioning and positioning systems. In several medical applications it is used to control the injection of fluids/gases granting reliability and repetitiveness.

ADVANTAGES:



- Compact dimensions, lightweight
- High flowrate values
- Short response times
- Insensitiveness to frequency work and vibrations
- Low power consumption
- Precision, repetitiveness and modularity
- Long operating life (up to 500 cycles)