



PNEUMATIC DIAPHRAGM VALVES

LYNX- VM110

NEXT-GEN DIAPHRAGM ENGINEERING



D110



LINX - VM110

The VM110 valves can be used in all cases of fluid polymerization to be dispensed. The valves are suitable for the use of food and pharma and other human consumption fluids. Tamper Proof locking on demand.

WHY IS THE FLUID BODY MADE OF A316L?

The fluid chamber made of A316L allows for optimal operating conditions for dispensing food and pharma and other human consumption, alcohols and other low-viscosity substances.

EXPECTED LIFETIME 50 MILLIONS CYCLES

(Lab. test made at ambient temperature with water. The use of other materials or pressures may decrease the lifetime expectancy.)

ADVANTAGES

- Dramatically reduces downtime
- Long lasting operation
- Quick maintenance time
- It adapts to current production lines, without the need to radically change its operation
- positive ROI
- Tamper lock
- MOCA food grade certification

WITH HEAD AND MEMBRANE IN PTFE FOR THE APPLICATION OF FLUIDS

Power and precision: Combining mechanical and electronic solutions



LUX-VM100

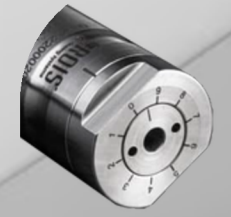
NEXT-GEN DIAPHRAGM ENGINEERING



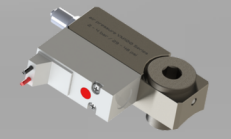
DATASHEET

Dimensions	ø29,9 x 78 mm
Weight	300g - 10,6 Oz.
Air pressure	1,0 to 4,0 bar - 14 to 58 psi
Max fluid pressure	4 bar - 58 psi
Air input	G1/8" BSPP
Fluid input	G1/8" BSPP
Fluid output	1/4"-28UNF – G1/8" BSPP
Mounting	M5
Speed	Up to 500 cycles/min
Body	316L Stainless Steel
Fluid body	PE-UHMW
Diaphragm	PTFE
Wetted parts	Fluid body, Diaphragm
Max working temperature	100°C

ACCESSORIES



VM100-TPL
Tamper proof locking screw



VM100-BISV
Built-in solenoid valve for compact and fast activation

VM100-SPL
Standard support plate

VM100-CPL
Clamping support plate

VM100-F[]
Connections and Fittings

(*results based on water tests)

(**useful life may vary depending on work factors and product type)

VM100-PT-U
Stainless steel 316L valve, fluid head available with 1/4"-28 UNF fluid outlet.

VM100-PT-G
Stainless steel 316L valve, fluid head available with G1/8" BSPP fluid outlet.