

LA 725 and LA 725-S

Liquid Adhesive Dispensing Applicators

Fast-cycling pneumatic applicators deliver precise, repeatable bead or slot adhesive patterns in continuous or intermittent production.

Benefits

- Extended operating life, two to three times longer, due to the patented, frictionless **silicone seal**
- Faster cycle times using new, high-speed solenoid technology, particularly beneficial for stitching and dotting patterns
- Less downtime and maintenance due to the robust design and construction
- Quick change module, solenoid or cartridge
- Sharp, clean cutoff from snuff-back technology

Nordson LA 725 and LA 725-S pneumatic applicators deliver production efficiency and clean, repeatable liquid adhesive patterns. LA 725 applicators have a long service life and perform consistently in even high-speed production. These applicators support both continuous and intermittent operation and are ideal for non-contact and contact bead applications, as well as slot applications, for a wide production range including folding carton, bag & sack and packaging.

The patented LA 725 and LA 725-S applicators use an advanced hydraulic seal technology resistant to most chemicals used in water-based adhesives so it lasts longer and requires less maintenance than typical seals. And, the frictionless operation extends service life even more.

The fast-cycling guns and snuff-back technology support sharp, clean cutoff on even high-speed production lines. Resulting patterns are reliably uniform in appearance and performance, allowing you to optimize adhesive use and reduce waste.

LA 725 applicators install easily into most parent machines and quick change components minimize downtime and facilitate quick production changeovers.



LA 725



LA 725-S

LA 725 and LA 725-S Liquid Adhesive Dispensing Applicators

Specifications*

Operating Air Pressure	5 - 6 bar (75 - 87 psi)	Nozzle Diameter Range	0.3 to 1 mm
Oiling of Compressed Air	not needed	Standard Pattern Coating Widths	34, 45 and 60 mm
Ambient Temperature Range	10 to 50° C (50 to 122° F)	Connection Fitting	½-20 UNF
Filtering of Compressed Air	particle filtering with 5µm or better	Air Pressure Connection	3 - 5 mm (0.118 - 0.196 in.)
Minimum Hydraulic Pressure	1 bar (14.5 psi)	Electrical Service	24 VDC ± 10%
Maximum Hydraulic Pressure	42 bar (610 psi)	Ingress Protection Class	IP64
Minimum Cycle Time ¹	7.6 ms		
Adhesive Viscosity			
Minimum	>500 cps		
Maximum	20,000 cps		
Recommended PH Value ²	PH 4 to 7		
Solenoid Connector	M8 screwed		

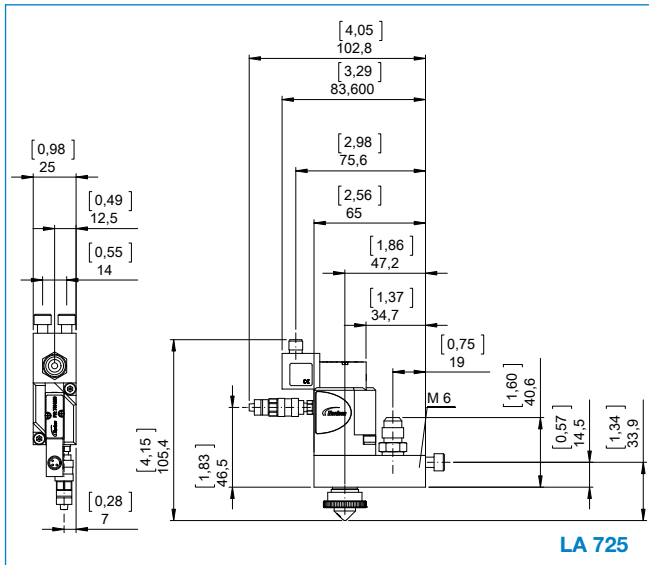
* Actual specification values will vary depending on adhesive type and application parameters.

¹ Cycle time will vary depending on adhesive pressure, viscosity and other characteristics.

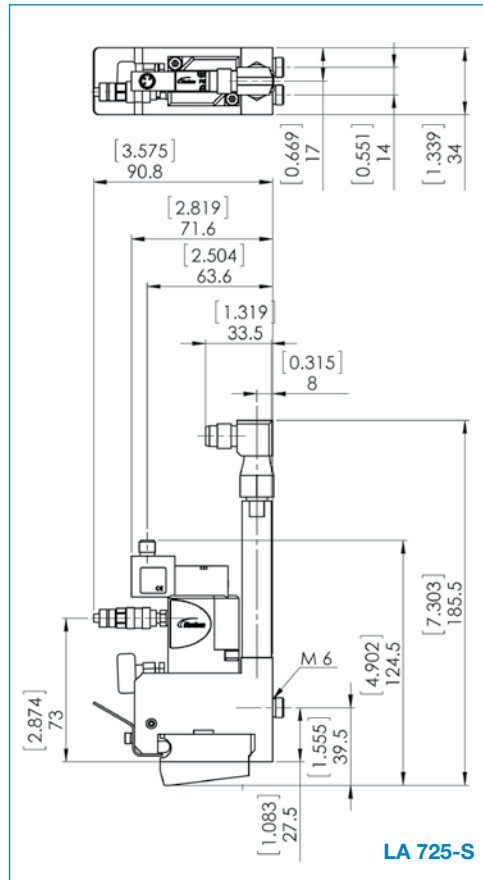
² PH values outside the recommended range may result in corrosion or damage of seals, either of which will reduce the life and performance of the applicator. In case of unexpected corrosion due to adhesive used, the glue supplier needs to be contacted to identify an inhibitor that can be used as an additive to the glue to minimize corrosive effects.

Note: Adhesive used needs to be solvent-free

Drawings & Dimensions



Dimensions shown in mm [in.]



For more information, speak with your Nordson representative or contact your Nordson regional office.

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