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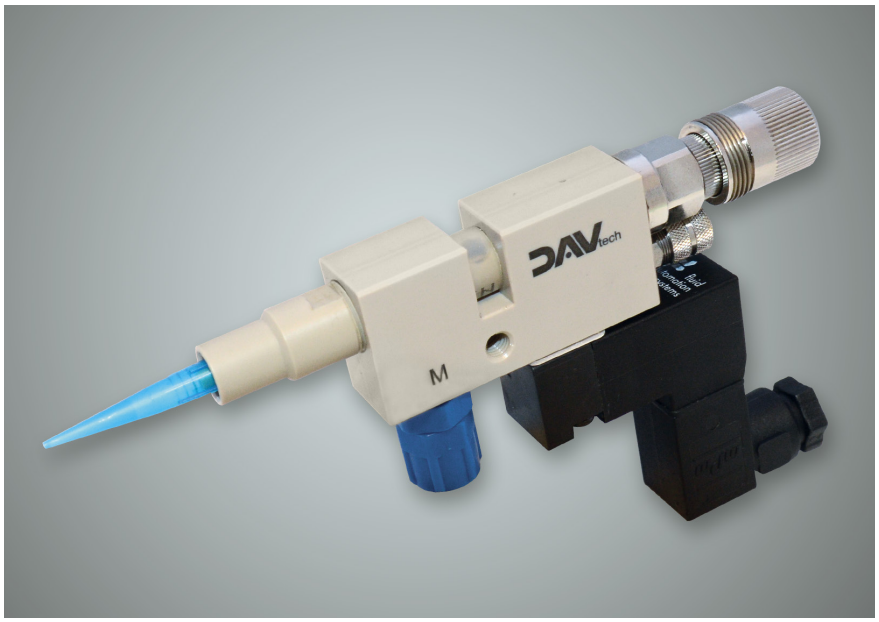
DISPENSING NEEDLE VALVE **DA 400 MINI PEEK**

The **DA 400 MINI PEEK** valve use the high features of PEEK (Polyether-Ethere-Cheton) to dispense very small amount of anaerobic glues, reaching technical results that are impossible to achieve with traditional diaphragm valves.

The accuracy and speed of the needle closing, the really fine possible tuning of the amount dispensed, the speed of the solenoid valve make possible single dosing under 1 mm3, with the highest precision, also at 10 dosing/second.



FIELDS OF APPLICATION:

- **Anaerobic fluid micro-dosing**
- **Aggressive fluid micro-dosing**

FEATURES:

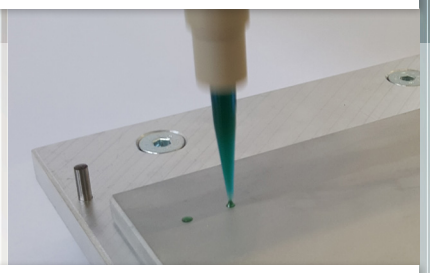
- Parts in contact with the fluid completely in PEEK which is a non reactive material
- Solenoid valve mounted on for a super fast opening and closing
- Luer lock needle holder
- Micrometric regulation for the finest tuning
- Easy maintainance and cleaning.

Technical Data

Model	DA 400 MINI PEEK
Operation mode	Double Acting
Weight	130 g
Max fluid pressure inlet	Max 15 bar
Actuating air pressure	5 bar
Air inlet thread	M5
Fluid inlet thread	1/8 BSP
Outlet thread	Luer lock nozzle
Speed	Up to 300 cycles / min
Adjusting the passage	Micrometric
Used materials	Stainless steel, PEEK, nickel plated brass
Fluids to be dispensed	Anaerobic Glue, Aggressive fluids

NOZZLES FOR VALVOLA DA 400 MINI PEEK

The valve DA 400 MINI PEEK is equipped with luer lock nozzle that can hold tapered tips, PTFE tips and any special designed nozzles.



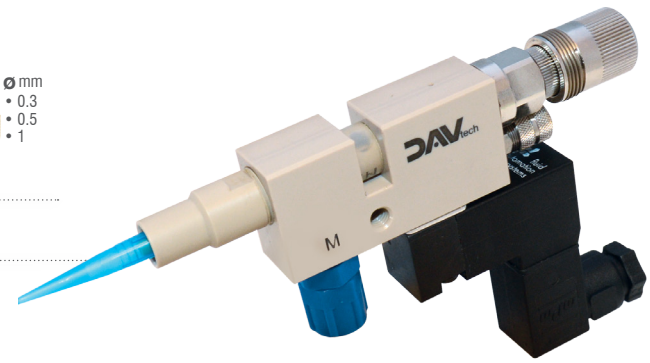
VALVE DA 400 MINI DRIVING

The valve DA 400 MINI has a 5/2 solenoid valve mounted directly on board, and it is therefore sufficient to feed the power supply (24V) to the solenoid (which is always kept fed pneumatically to 6-7 bar) for controlling the dispensing.

Valve configurations

DA 400 MINI PEEK_ _

NOZZLES AVAILABLE



Special versions available on request.

Connection diagram