

SELECTIVE CONFORMAL COATING AND DISPENSING SOLUTIONS

JETTING VALVES



PIEZOELECTRIC JET VALVE CF DOT 4 (MICRODISPENSE)

The microdispensing JET valve with piezoelectric control without contact CF DOT 4 allows microdots to be shot with a frequency of up to 1,500 drops per second and makes the dosing processes significantly faster

CF DOT 4 allows liquids, lubricants, solder pastes and adhesives (viscosity up to 500,000 mPas) to be injected onto the substrate in reproducible volumes with maximum precision. Thanks to the integrated nozzle heater, the viscosity of the media to be dosed can be optimally adjusted to the process. In miniaturization, very small volumes down to 2nl can be accurately dispensed.

Specially designed for *underfilling*, *glob top* or *dam and fill* applications or *lubrication* processes

The metering valve is a modular design that incorporates the entire fluid system, consisting of the media channel, plunger, nozzle and nozzle seat, as a single unit. The system can be disassembled and cleaned in a few simple steps, keeping downtime to a minimum.

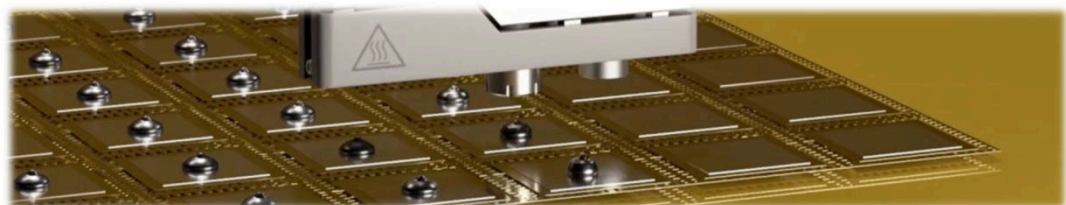
With its compact dimensions of 86mm x 17mm x 52mm, the dispensing unit is ideal for space-saving integration into a variety of systems.

FEATURES

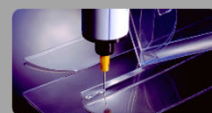
Specially designed for underfilling,
Modular design
Facilitates disassembly and cleaning
Optimal integration in CF440 and CF395IL series Coatflow Robots with total control from the soft COATCONTROLPRO
Thanks to its compact and space-saving design piezoelectric based system
Reduces operating costs as no compressed air is needed

CF DOT 4

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| Size: | 86 mm x 17 mm X 52 mm |
| Weight: | 320 gr |
| Fluid Inlet: | 1/8" NPT |
| Fluid Outlet: | NON CONTACT NOZZLE |
| Nozzle Temperature: | 0 – 100 C° |
| Dispensing volumen: | From 2 nl |
| Nozzle diameter: | From 50 to 400 microns |
| Cycle Rate: | Up to 1500 cycles per second. Continuous 200 cycles per second. |
| Material Viscosity Range: | 1 – 500.000 cps |

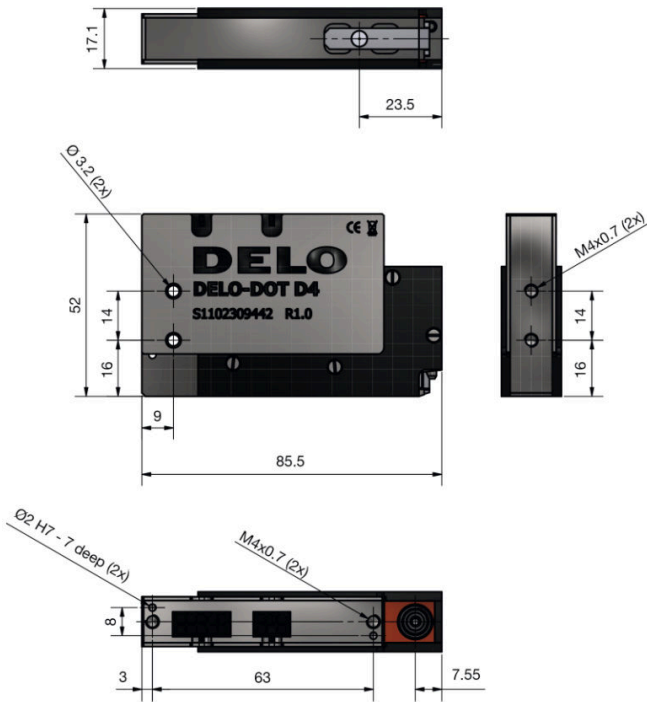


MATERIALS: CONFORMAL COATINGS, ACRYLICS, URETHANES, SILICONES, RTV, BI-COMPONENT MATERIALS, ETC.



JETTING VALVES SPECIFICATIONS

CF DOT 4



INTERNATIONAL SALES DEPARTMENT

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