

DELO-DOT PN3



The new dimensions of microdispensing

Compared to other dispensing valves, the DELO-DOT PN3 microdispensing valve offers the advantage of contactless dispensing. This means our system for microdispensing effectively prevents a collision between dispensing valve and component, while the z-axis does not move at all.

Technical data

Drive	Pneumatic
Permanent dispensing frequency	140 Hz
Media viscosity	Aqueous up to 500,000 mPa·s
Dispensing volume (typ.)	2 – 5,000 nl
Nozzles	Flat nozzle: 0.05 mm / 0.1 mm / 0.2 mm / 0.3 mm / 0.4 mm Needle nozzle with Luer-lock adapter (0.1 mm / 0.4 mm)
Heating range of nozzle heater	Up to +100 °C
Actuator lifetime (typ.)	> 1 billion cycles
Dimensions	20.5 mm × 153 mm × 62 mm
Weight	410 - 430 g
Features	Media supply freely positionable in 90° steps, modular design
Product compatibility	DELO-CONTROL BOX PN series DELO-PROTOR 2

