



**WHERE
PRECISION
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PRODUCTION**



VALVE SPECIFICATIONS

Dimensions:

201 mm x 29.21 mm x 29.21 mm
(7.9 in x 1.15 in x 1.15 in)

Weight:

19 oz

Viscosity Range:

1 cps – Paste

Operating Air Pressure:

60 – 100 psi

Maximum Inlet Fluid Pressure:

3500 psi

Wetted Components:

Stainless steel, Viton, Teflon®

FC300 HIGH FLOW STAINLESS STEEL NEEDLE VALVE

The FC300 is a versatile high flow dispensing valve for any single component bead, dot, potting, or encapsulation project. Featuring a lightweight, compact design, the FC300 is perfect for both automated and handheld processes in which a high volume of material is dispensed.

The FC300 has many integrated features including:

- ▲ Divorced valve design prevents material contamination of the air section
- ▲ Stainless steel fluid body for superior material compatibility
- ▲ 1/4" NPT fluid port allows higher flow rates
- ▲ Adjustable flow control
- ▲ Spring-assisted valve closure for reliable cycle stops
- ▲ Compatible with all Luer-Lok™ needle tips

The FC300 is available on all new PVA3000™, PVA650™, PVA350™, and PVA250™ systems, or can be retrofitted to any existing PVA platform. For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

PVA also offers the following products to improve your dispensing application:

FC3-SP

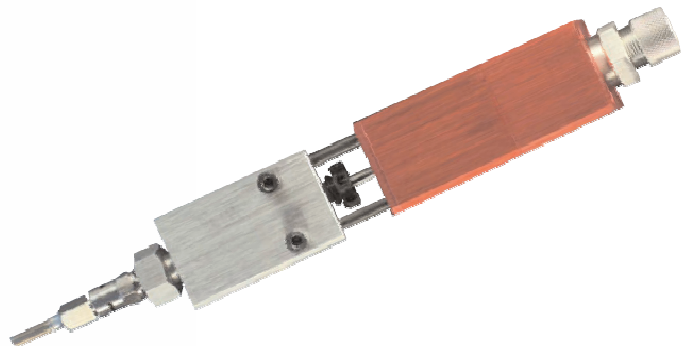
FC300 spare parts kit

FC100-MC

Stainless steel front closing needle valve

ST100

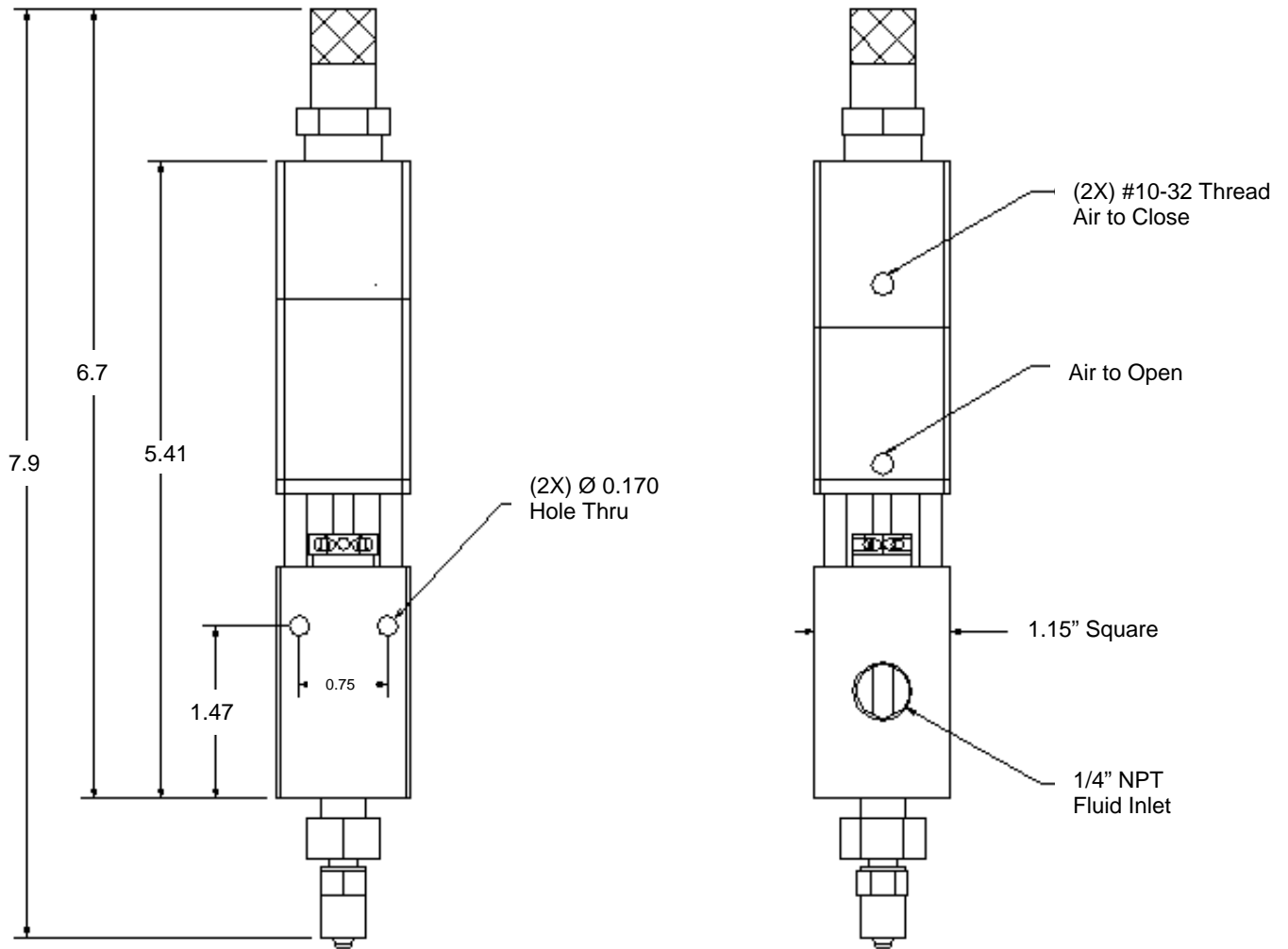
Digital valve controller



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FC300 Mounting Dimensions



All dimensions provided in inches