



Spray precision when and where you need it

ProStop-E Single/Dual Nozzle Bodies With Integrated Valve

When applying crop protection products, you need to keep in mind time and cost savings. Increasing spraying precision while reducing misapplication and waste are key for a sustainable and profitable yield. You need precision control solutions to help eliminate pesticide drift and application overspraying.

Take advantage of simple and affordable precision spraying solutions:

- ◆ Save on chemicals through automatic nozzle shutoff
- ◆ Spray less by controlling spraying around borders, waterways and irregular shape fields
- ◆ Improve application precision through tighter droplet size control
- ◆ Optimize spray delivery and nozzle selection automatically while spraying
- ◆ Reduce the risk of crop injury with enhanced uniformity of chemical application
- ◆ Enjoy cost effectiveness and ease of integration

“The overlap savings and just the time savings are astronomical. I can go in there and cut straight lines and be out of there in 20 minutes.”

Chad Rataichek - Country Visions Cooperative
See the full story at www.pentair.com/assets/prostop-e-video

Spray Efficiently with Pentair™ Hypro™ ProStop-E Nozzle Body Featuring an Integrated Valve



FEATURE	PROSTOP-E SINGLE	PROSTOP-E DUAL
Provides individual on/off nozzle control for increased precision application	✓	✓
Helps ensure easy integration with boom designs due to compact design	✓	✓
Robust quarter turn ball valves	1	2
Flow capacity @ 5 PSI [0.34 bar] pressure drop, per valve	2.0 GPM [7.6 LPM]	1.7 GPM [6.4 LPM]
Flow capacity @ 5 PSI [0.34 bar] pressure drop, all valves open	2.0 GPM [7.6 LPM]	2.4 GPM [9.1 LPM]
Operates as individual nozzle control with CanNode and CANbus communication protocol	✓	✓
Operates as an on/off three-wire valve	✓	
Fast response time of 250 milliseconds per valve	✓	✓
Multiple rates (A, B, A+B) to compensate for speed and pressure changes		✓
Switch between two nozzles to cover a wide speed range for application and help eliminate misapplication	Manual	Automatic
Nozzle capacity (turret rotates manually)	5	4 (2 pairs)
2X M12 connectors, keyed for error proof connection	✓	✓



COMPLETE PRECISION SPRAYING SYSTEM

Leverage Precision Spraying with Pentair™ Hypro™ ProStop-E ISOBUS System

Spray efficiently and help increase your yield while being a good environmental steward with the Pentair Hypro ProStop-E ISOBUS Precision Spray System. This system helps enable precise individual nozzle control with Pentair Hypro ProStop-E Products from the cab. Communicate with and control Hypro ProStop-E Nozzle Body Valves via CANbus messages through the Hypro ProStop-E ISOBUS System.

- ◆ Control individual nozzle actuation based on real-time field maps from an ISOBUS task controller
- ◆ Apply liquid nutrients and pesticides accurately
- ◆ Minimize section overlaps and overspray
- ◆ Maintain application rate based on speed and sections
- ◆ Switch automatically to pressure based control when flow is lower than flowmeter accuracy

