

PROSTOP-E™ CAN NODE

HIGH PERFORMANCE INDIVIDUAL NOZZLE CONTROL



FEATURES AND BENEFITS

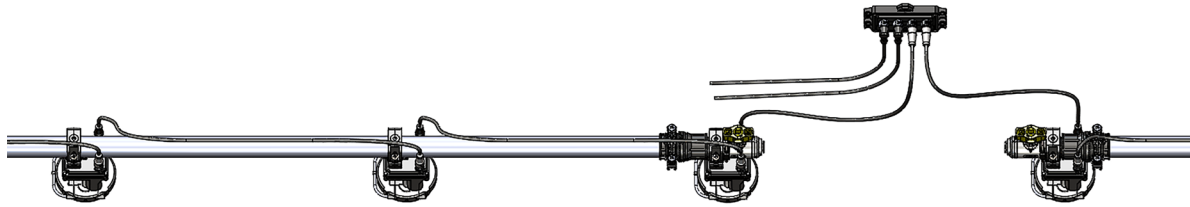
- ◆ Provides connectivity from ISOBUS to 32 valves, organized as two segments of 16 valves each
- ◆ Each Segment has its own unique ISOBUS name instance and ISOBUS address
- ◆ Multiple CAN nodes can reside on the ISOBUS to control any number of ProStop-E valves
- ◆ Implements auto addressing function on power up initialization. Each segment of 16 valves is ordered from 1-x, x= the highest number of valves on the segment, max =16
- ◆ < 10 ms message latency time between spray controller and any individual valve on a segment
- ◆ Provides up to 4A power distribution to each segment.
- ◆ Small form factor provides for easy mounting
- ◆ Utilizes standard M12 connectors and cordsets, built for IP67 rating.
 - 12v Battery voltage input
 - CAN bus input
 - Segment 1 control output
 - Segment 2 control output
- ◆ Supports simple CAN bus message format from Spray Controller to directly activate any individual ProStop-E valve (Contact Pentair at usnbrprecisionagsupport@pentair.com for programming documentation)
- ◆ Embedded Bluetooth™ radio for two way communications and valve control with mobile devices

CAN NODE INTERFACE MODULE

Part Number	Number of Segments	Number of Valves
CN32-0001	2	32

CAN node/ISOBUS node is required for CAN node communication. CAN node auto addresses each valve on the segment up to 16 valves per segment.

SPECIFICATIONS



SPRAY IT APP

- ◆ Operate Hypro ProStop-E from your mobile device
- ◆ Use for diagnostics and individual actuation at the boom
- ◆ Check individual nozzle spray quality and detect nozzle blockages at startup with ease

SPRAY IT APP INSTRUCTIONS FOR CANNODE

- ◆ Select the CAN node in the Spray It App
- ◆ Enter the password from the back of the CAN node contained between the [brackets]
- ◆ Display will show all valves in each segment
- ◆ Select segment to switch between segment 1 and segment 2
- ◆ Slide or touch button to open or close an individual valve
- ◆ Set a name for each CAN node for easy identification

PENTAIR™ HYPRO™ PROSTOP-E SINGLE INTEGRATED AND DUAL CABLES

Part Number	Description	Connector Styles	Length
2520-0265	25in threaded straight connectors	straight A code - straight D code	25 inch
2520-0266	1 meter threaded straight connectors	straight A code - straight D code	1 meter
2520-0267	2 meter threaded straight connectors	straight A code - straight D code	2 meters
2520-0268	3 meter threaded straight connectors	straight A code - straight D code	3 meter
2520-0245	7 meter threaded straight extension	straight male A code - straight female A code	7 meter
2520-0259	12.5 meter right angle connectors	right angle A code - right angle D code	12.5 meter

Black-in; Grey-out, Other custom length cord sets available upon request.

PENTAIR HYPRO PROSTOP-E SINGLE INTEGRATED WITH TURRET

Material	Object Description	Boom Diameter/Clamp Size	Turret Type
4211N-3503VPSS	Integrated Nozzle Body 5-way 3/4"	3/4"	5-way
4211N-3504VPSS	Integrated Nozzle Body 5-way 1"	1"	5-way
4211N-3506VPSS	Integrated Nozzle Body 5-way 22mm	22mm	5-way
4211N-3507VPSS	Integrated Nozzle Body 5-way 20mm	20mm	5-way
4211N-3508VPSS	Integrated Nozzle Body 5-way 25mm	25mm	5-way
4211N-3509VPSS	Integrated Nozzle Body 5-way 28mm	28mm	5-way

Add a PK- prefix to the above part numbers when ordering an individually boxed nozzle body for service/repair

PENTAIR HYPRO PROSTOP-E DUAL NOZZLE BODY

Material	Object description	Clamp size
4214N-3403VPSD	Dual Nozzle Body 3/4"	3/4"
4214N-3404VPSD	Dual Nozzle Body 1"	1"
4214N-3406VPSD	Dual Nozzle Body 22mm	22mm
4214N-3407VPSD	Dual Nozzle Body 20mm	20mm
4214N-3408VPSD	Dual Nozzle Body 25mm	25mm
4214N-3409VPSD	Dual Nozzle Body 28mm	28mm
4214N-3404VTPSD*	Dual Nozzle Body 1" Tall Stem	1"

Add a PK- prefix to the above part numbers when ordering an individually boxed nozzle body for service/repair

*4214N-3404VTPSD required for installation on Express End Cap



375 Fifth Avenue NW | New Brighton, MN 55112 | United States | Ph: 651.766.6300 | Fx: 651.766.6600 | pentair.com/hypro

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

©2022 Pentair. All Rights Reserved.

HYP14304ASP-SS (09-15-22)