

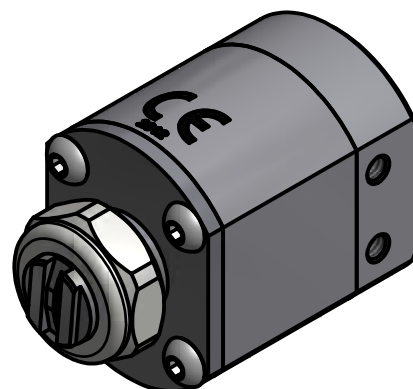
#AA(B)10000AUH-104210-__ PULSAJET AUTOMATIC NOZZLE

ITEM	PART NO.	DESCRIPTION
1	CP104218-SS	HEX RETAINER CAP, STAINLESS STEEL, TYPE 303
2	TPU PWMD-SS	UNIJET® TIP WITH DOVETAIL ALIGNMENT, STAINLESS STEEL, TYPE 303
3	CP55001-41-SS	BUTTON HEAD CAP SCREW, STAINLESS STEEL, TYPE 303, (4 REQ'D)
4	SPARE PART KIT: AB10000-104210-VI-KIT OR AB10000-104210-EPR-KIT	O-RING, -VI OR -EPR MATERIAL
5		5° DOVETAIL BODY, STAINLESS STEEL, TYPE 303
6	SPARE PART KIT: AB10000-ELEC-VI-KIT OR AB10000-ELEC-EPR-KIT	O-RING, -VI OR -EPR MATERIAL
7		PLUNGER SUB-ASSEMBLY
8		SPRING, STAINLESS STEEL, TYPE 302
9		COVER, STAINLESS STEEL, TYPE 18-FM
10	SPARE PART KIT: AB10000-ELEC-VI-KIT OR AB10000-ELEC-EPR-KIT	O-RING, -VI OR -EPR MATERIAL
11		O-RING, -VI OR -EPR MATERIAL (2 REQ'D)
12		COIL, G.F. PPS WITH PET ENCAPSULATION
13		SOCKET HEAD CAP SCREW, SS TYPE 18-8 W/O-RING (2 REQ'D)
14		ELECTRICAL CONNECTOR, M8 3 POLE (PICO SIZE)
15		INLET BODY, 1/8 NPT INLET, STAINLESS STEEL, TYPE 18-FM
15A		INLET BODY, 1/8 BSPT INLET, STAINLESS STEEL, TYPE 18-FM
16	50699-5-S-PUR	CABLE CORDSET, SHIELDED CABLE AND NUT, 5M LENGTH, PUR JACKET

NOTES:

1. AA(B)10000AUH-104210-VI FOR VITON® SEALS AND AA(B)10000AUH-104210-EPR FOR ETHYLENE PROPYLENE SEALS
2. FOR FOOD CONTACT VERSION, SEE DATA SHEET 10000AUH-104210FC.
3. REPLACEMENT SPRINGS CAN BE ORDERED IN A PACK OF 10 WITH PART NUMBER AB50691-SS-PKG
REPLACEMENT SOCKET HEAD SCREWS CAN BE ORDERED IN A PACK OF 20 WITH PART NUMBER AB72417-1/2-SSVI-PKG
REPLACEMENT M8 ELECTRICAL CONNECTORS ARE ORDERED IN A PACK OF 5 WITH PART NUMBER AB50686-VI-PKG

WARNING:
THIS NOZZLE IS NOT CONSIDERED TO BE EXPLOSION PROOF.
USE IN AN EXPLOSIVE OR FLAMMABLE ENVIRONMENT MAY
RESULT IN SEVERE INJURY OR DEATH.



WIRING INSTRUCTIONS:

1. FROM CABLE CORDSET (ITEM 16), CONNECT THE BLUE AND BROWN WIRES TO SIGNAL DEVICE. THE BLACK WIRE IS NOT USED AND MAY BE CUT OFF.
2. THE TWO WIRES MAY BE CONNECTED TO EITHER OF THE SIGNAL DEVICE OUTPUTS. POLARITY IS NOT IMPORTANT.
3. **GROUNDING NOTES:** TO ENSURE ELECTROMAGNETIC COMPATIBILITY WHEN USING HIGH SPEED DRIVERS, THE SUPPLIED CABLE CORDSET (ITEM 16) SHOULD BE GROUNDED IN THE PANEL TO EARTH GROUND USING THE CABLE SHIELDING AS A DRAIN.
4. USE OF A HIGH SPEED "FLY BACK" DIODE MAY BE USED TO HELP PREVENT TRANSIENTS FEEDING BACK TO THE SIGNAL DRIVER.

REBUILD INSTRUCTIONS:

NOTE: DEPRESSURIZE THE SYSTEM AND DISCONNECT ELECTRICAL SUPPLY BEFORE PERFORMING ANY NOZZLE MAINTENANCE.

REBUILDING WITH SPARE PART KIT AB10000-104210-XX-KIT

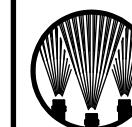
1. REMOVE FOUR BUTTON HEAD CAP SCREWS (ITEMS 3) FROM THE FRONT OF THE UNIT.
2. REMOVE DOVETAIL BODY (ITEM 5), O-RINGS (ITEMS 4 & 6), PLUNGER (ITEM 7) AND SPRING (ITEM 8).
3. INSPECT AND REPLACE WORN COMPONENTS.
4. PLACE O-RINGS INTO TWO GROOVES IN DOVETAIL BODY.
5. SLIP PLUNGER AND SPRING INTO COVER (ITEM 9).
6. REPLACE DOVEBODY BODY ON TO COVER WITH THE FOUR SCREWS.

REBUILDING WITH SPARE PART KIT AB10000-ELEC-XX-KIT

1. REMOVE TWO SOCKET HEAD CAP SCREWS (ITEMS 13) AND REMOVE INLET BODY (ITEM 15) FROM THE COVER (ITEM 9).
2. CAREFULLY REMOVE THE COIL (ITEM 12) FROM THE CONNECTOR (ITEM 14).
3. UNSCREW CONNECTOR FROM INLET BODY.
4. INSPECT AND REPLACE WORN COMPONENTS.
5. REASSEMBLE CONNECTOR TO INLET BODY, TWO O-RINGS (ITEM 11) TO COIL, AND O-RING (ITEM 10) TO COVER.
6. ATTACH CONNECTOR WIRES TO COIL AND SLIDE INTO CAVITY OF COVER.
7. ASSEMBLE INLET BODY AND COVER WITH TWO SCREWS.

DESCRIPTION:

AA10000AUH-104210-__ &
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PULSAJET® 10000
AUTOMATIC SPRAY NOZZLE
WITH ALIGNED PWMD (DOVETAIL)
UNIJET® TIPS



Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60187-7901

REVISION NO.	3	MAINTENANCE INSTRUCTION NO.	10000AUH-104210
REFERENCE:		SHEET:	1 OF 1
		DWG SIZE:	B