

# PulsaJet® 10000AUH-03

THE PULSAJET 10000 IS A SOLENOID ACTIVATED AUTOMATIC SPRAY NOZZLE THAT IS SPECIFICALLY DESIGNED FOR FAST ON-OFF OPERATION:

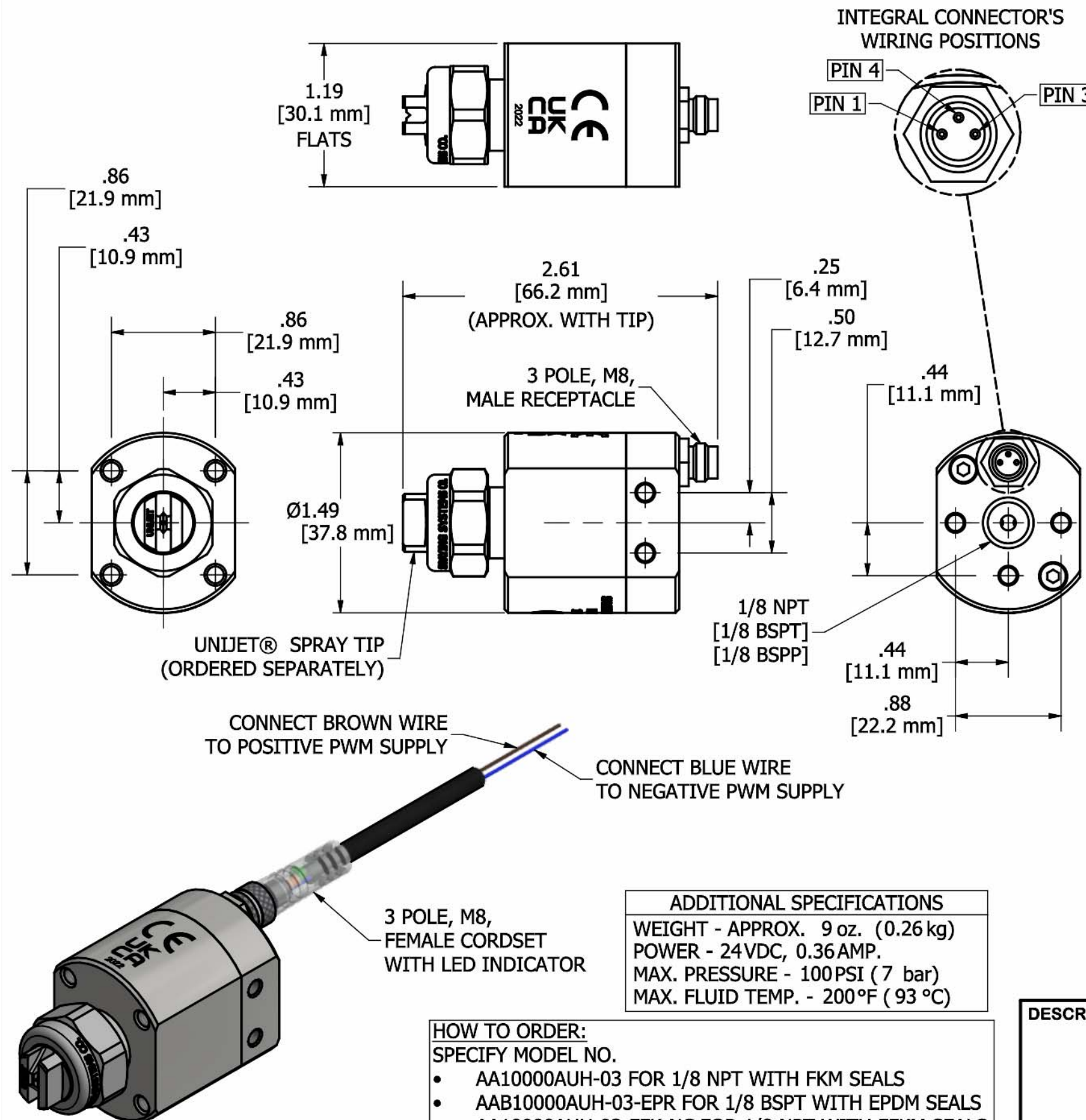
- FOR PULSE WIDTH MODULATION (PWM) TO ACCURATELY CONTROL FLOW RATE WHILE MAINTAINING SPRAY PATTERN INTEGRITY.
- FOR ACCURATE SPRAY PLACEMENT IN HIGH SPEED APPLICATIONS.

### TYPICAL APPLICATIONS:

- COATING • SEALING • MARKING • MOISTURIZING • LUBRICATING • ROBOTIC

### FEATURES:

- ELECTRONICALLY ACTIVATED HYDRAULIC ATOMIZING VALVE.
- COMPACT, LIGHTWEIGHT DESIGN WITH FLUID AND ELECTRICAL CONNECTIONS ON BACK END. IDEAL FOR AUTOMATED OR ROBOTIC APPLICATIONS.
- DESIGNED FOR USE WITH THE AUTOJET® ADVANCED SPRAY CONTROL PANELS AND SYSTEMS, BUT WILL WORK WITH ANY 24V POWER SUPPLY DEVICE.
- HIGH SPEED CYCLING; UP TO 10,000 CYCLES PER MINUTE, WHEN USED WITH AN AUTOJET SPRAY CONTROLLER.
- ACCEPTS STANDARD UNIJET® TIP SIZES UP TO -03 CAPACITY.
- WIDE RANGE OF SPRAY TIP CAPACITIES, WITH CYCLE DURATION FROM 6 MILLISECONDS TO CONTINUOUS SPRAY, PROVIDES UNLIMITED FLEXIBILITY IN THE DESIGN OF HIGH SPEED, LOW CAPACITY SPRAY APPLICATIONS.
- INTEGRAL ELECTRICAL CONNECTOR IS A 3 POLE, M8 (PICO OR NANO SIZE), MALE RECEPTACLE. SUPPLIED WITH A 3 POLE, M8, STRAIGHT, FEMALE CABLE CORDSET (NO CABLE OPTIONS ARE AVAILABLE). FOR WIRING, ONLY PIN POSITIONS 1 (BROWN WIRE [+24V]) AND 3 (BLUE WIRE [0V]) ARE USED. POSITION 4 (BLACK WIRE) IS UNUSED AND IT CAN BE CUT BACK. IF WIRED INCORRECTLY, THE LED INDICATOR MAY NOT LIGHT PROPERLY.
- REPLACING SPRAY TIPS AND WEAR PARTS CAN BE ACCOMPLISHED WITH MINIMUM DOWN TIME. ALL WEAR PARTS ARE ACCESSIBLE FROM THE FRONT OF THE GUN. MOUNTING AND FLUID/ELECTRICAL CONNECTIONS ARE NOT DISTURBED.
- WETTED PARTS ARE STAINLESS STEEL, PPS, AND ZIRCONIA CERAMIC. SEAL OPTIONS INCLUDE FKM (VITON®), EPDM OR FFKM FOR MAXIMUM CHEMICAL RESISTANCE.
- USES SOFT SEAT TO PROVIDE POSITIVE SHUTOFF AND ACCURATE SPRAY.
- MOUNTING ON THE FRONT, SIDES AND BACK WITH #8-32 UNC OR M4X0.7 METRIC THREADED SCREWS.
- AVAILABLE MOUNTING KIT FOR 1/2" ROD. SEE DATA SHEET 50935.
- COMPLIES WITH APPROPRIATE EUROPEAN COMMUNITY AND UK SAFETY DIRECTIVES.




**ADDITIONAL SPECIFICATIONS**  
 WEIGHT - APPROX. 9 oz. (0.26 kg)  
 POWER - 24VDC, 0.36 AMP.  
 MAX. PRESSURE - 100 PSI (7 bar)  
 MAX. FLUID TEMP. - 200°F (93 °C)

**HOW TO ORDER:**  
 SPECIFY MODEL NO.

- AA10000AUH-03 FOR 1/8 NPT WITH FKM SEALS
- AAB10000AUH-03-EPR FOR 1/8 BSPT WITH EPDM SEALS
- AA10000AUH-03-FFK-NC FOR 1/8 NPT WITH FFKM SEALS AND NO CABLE

**DESCRIPTION:**

AA\_10000AUH-03-  
 PULSAJET® 10000  
 AUTOMATIC SPRAY NOZZLE

 <b>Spraying Systems Co.®</b> Spray Nozzles and Accessories P.O. Box 7900 - Wheaton, IL 60187-7901		REVISION NO.	5	Data Sheet No.	
		REFERENCE:		<b>10000AUH-03</b>	
SHEET:		DWG SIZE:		B	