

## PARALLEL SENSORLESS PUMP CONTROLLER (PSPC) | SUBMITTAL

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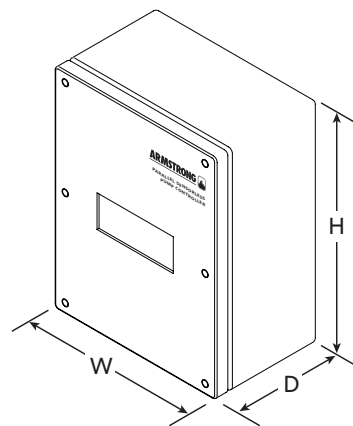
Job: \_\_\_\_\_ Representative: \_\_\_\_\_  
 \_\_\_\_\_ Ordered by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

### CONTROLLER CONFIGURATION

Number of pumps being controlled: \_\_\_\_\_ (specify 1 to 4)  
 One pumping unit standby only:  Yes  No  
 Integrated on pumping unit:  Yes  No

### PARALLEL SENSORLESS PUMP CONTROLLER VARIANT

DESIGNATION	BMS SERIAL COMMUNICATION
PSPC-N	None
PSPC-B	BACnet
PSPC-L	LonWorks
PSPC-M	Modbus



### DIMENSIONS AND WEIGHTS

WIDTH	HEIGHT	DEPTH	WEIGHT
127 (5.00)	165 (6.50)	80 (3.15)	1.4 (3)

Dimensions in mm (inches) Weight is in kg (lbs)

### DATA AVAILABLE ON CONTROLLER KEYPAD

#### System status

- Total system flow
- System head
- Total pumping power
- Pump speed
- Pump run status
- Alarm
- Wire to water efficiency (calculated)
- Number of pumps running
- Lead pump number

#### Individual pump status

- Speed (Hz)
- Speed (RPM)
- Operating hours
- Fault number
- Current (A)
- Volt (VAC)
- Power (kW)
- Head
- Flow

### POWER SUPPLY

From each pump IVS 102 control

### STANDARD FUNCTIONALITY AND CONSTRUCTION

- 4 row x 20 character LCD and keypad interface
- On-screen menu driven operator interface
- Remote or local start/stop mode of operation
- Three level (factory and field) password protection
- Fault memory and alarm history
- Automatic pump lead rotation (includes standby)
- Two standard alarms: **1** pump and IVS 102, overload, failure  
**2** any system failure
- Output for remote alarm signal
- Embedded logic to stage pumps for best efficiency and to optimize system energy usage

**TORONTO**

23 BERTRAND AVENUE  
TORONTO, ONTARIO  
CANADA  
M1L 2P3  
+1 416 755 2291

**BUFFALO**

93 EAST AVENUE  
NORTH TONAWANDA, NEW YORK  
U.S.A.  
14120-6594  
+1 716 693 8813

**BIRMINGHAM**

HEYWOOD WHARF, MUCKLOW HILL  
HALESOWEN, WEST MIDLANDS  
UNITED KINGDOM  
B62 8DJ  
+44 (0) 8444 145 145

**MANCHESTER**

WENLOCK WAY  
MANCHESTER  
UNITED KINGDOM  
M12 5JL  
+44 (0) 8444 145 145

**BANGALORE**

#59, FIRST FLOOR, 3RD MAIN  
MARGOSA ROAD, MALLESWARAM  
BANGALORE, INDIA  
560 003  
+91 (0) 80 4906 3555

**SHANGHAI**

NO. 1619 HU HANG ROAD, XI DU TOWNSHIP  
FENG XIAN DISTRICT, SHANGHAI  
P.R.C.  
201401  
+86 21 3756 6696

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