DSP17
DIAPHRAGM PUMP

DSP17
DIAPHRAGM PUMP

The DSP17 Diaphragm Pump is designed specifically for floor scrubber applications to act as a positive displacement pump, replacing peristaltic pumps.

Applications

- DSP17 Diaphragm Pump offers features specific to floor scrubber chemical dosing application requirements

Features

- No air purge required after initial priming
- Ultra low dosing volume per cycle
- Low current draw
- Twist lock design offers flexibility for mounting and serviceability
- PWM adjustable dosing
- No tube replacement required

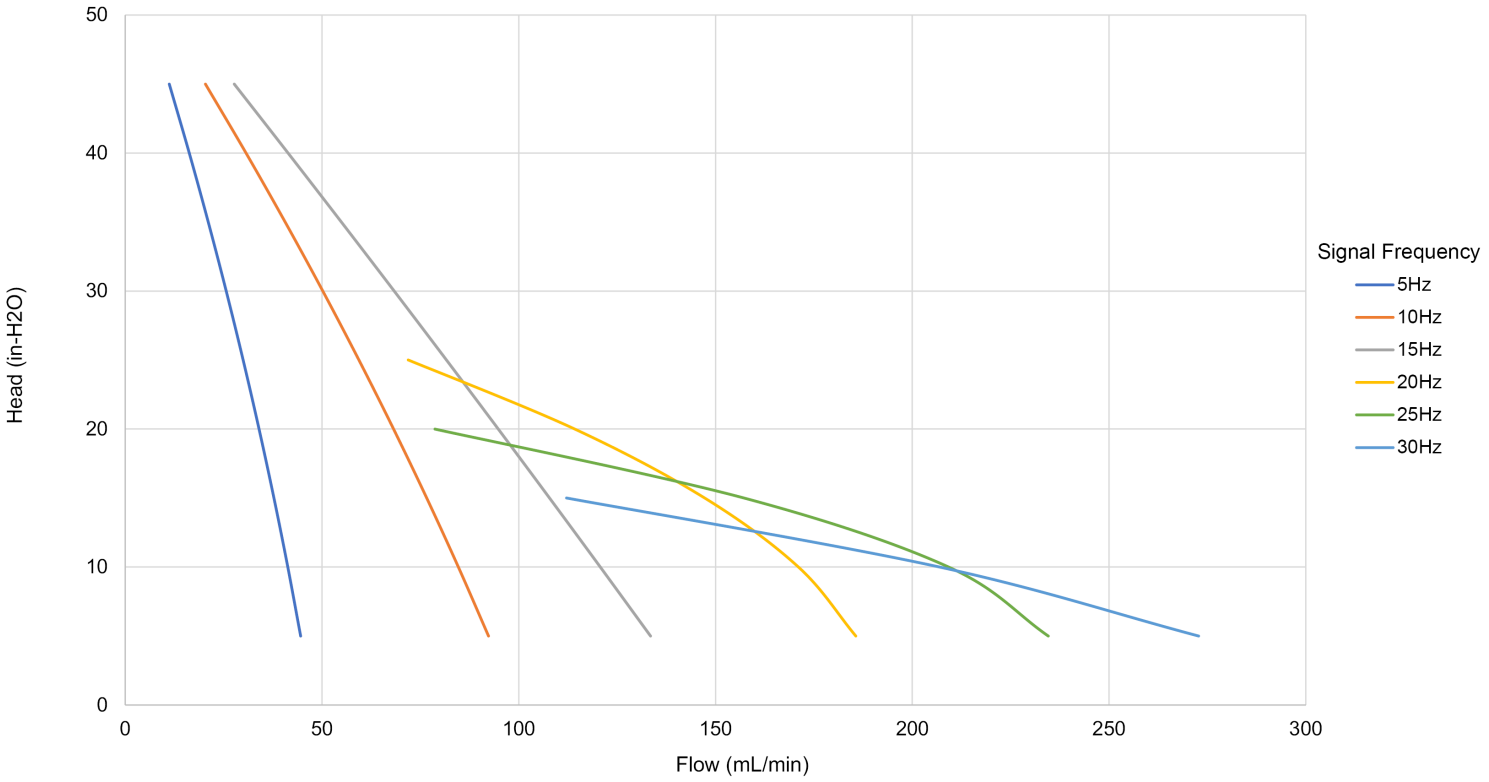
Electrical Specifications	
Coil Voltage	12, 24, 36 VDC
Coil Power	DC Coil 6.7 W Cont
Coil Terminals	0.25 x 0.03 in Spade Terminals
Duty Cycle	100% (Continuous)
Coil Treatment	Polyester Encapsulated
Insulation Class	Class F (155°C)
Mechanical Specifications	
Media Temperature	77°C with Nylon Body
Operating Pressure	See Graph on Page 2 of 3
Operating Position	Any Position Between Horizontal and Facing Up
Inlet/Outlet Connections	10 mm Hose Barb
Valve Body Material	Zytel Nylon
Diaphragm Material	VMQ - Silicone

2740 South 20th Street Milwaukee, WI 53215 USA | P: 414.671.6800 | F: 414.671.6809 | www.deltrol-controls.com | sales@deltrol.com

DSP17
DIAPHRAGM PUMP

Deltrol CONTROLS

Testing of the DSP17 Pump: Flow and Pressure Head Data

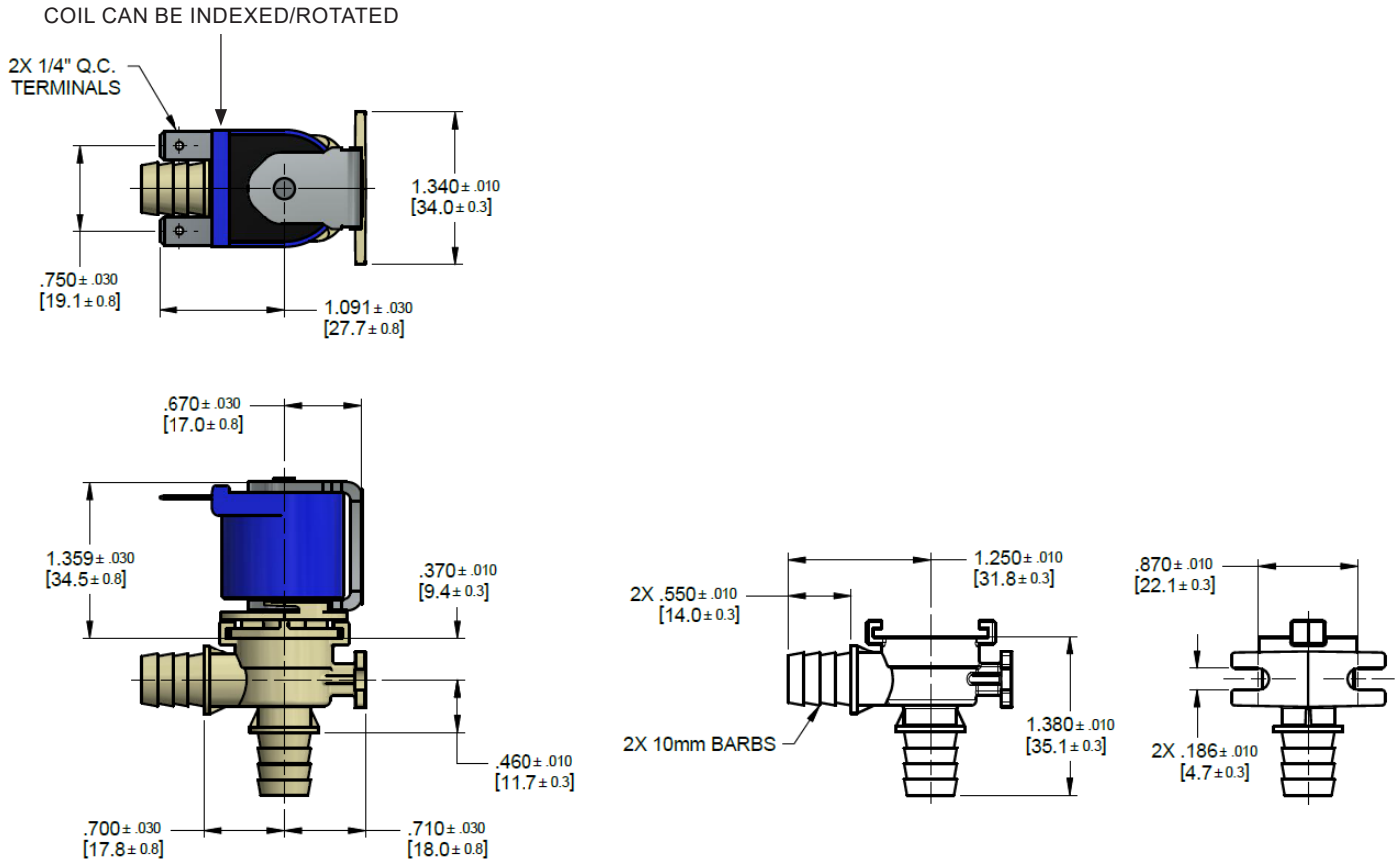


Current Data Based on Water and 8 mm Orifice Only

2740 South 20th Street Milwaukee, WI 53215 USA | P: 414.671.6800 | F: 414.671.6809 | www.deltrol-controls.com | sales@deltrol.com

DSP17
DIAPHRAGM PUMP

DSP17 Inlet/Outlet Connections



2740 South 20th Street Milwaukee, WI 53215 USA | P: 414.671.6800 | F: 414.671.6809 | www.deltrol-controls.com | sales@deltrol.com

DSP17
DIAPHRAGM PUMP

Ordering Information

DSP17 - II - III - IV - V - VI - VII - VIII

II. Inlet Port Option
B10 – 10 mm Barb

III. Outlet Port Option
B10 – 10 mm Barb

IV. Coil Type
X – Standard Straight 1/4" QC Terminals
XU – Standard Bent Up 1/4" QC Terminals
XD – Standard Down Up 1/4" QC Terminals

V. Coil Voltage
12D – 12VDC
24D – 24VDC
36D – 36VDC

VI. Diaphragm Material
S – Silicone

VII. Coil Frame Orientation
I – Over Inlet
B – Over Bracket

VIII. Coil Termination Orientation
(Looking top down, inlet at 270°)
1 – Right of inlet (0°)
2 – Right of inlet at angle (45°)
3 – Over mounting Bracket (90°)
4 – Left of inlet at angle (135°)
5 – Left of inlet (180°)
6 – Left of inlet at angle (225°)
7 – Over Inlet (270°)
8 – Right of Inlet at angle (315°)

2740 South 20th Street Milwaukee, WI 53215 USA | P: 414.671.6800 | F: 414.671.6809 | www.deltrol-controls.com | sales@deltrol.com