WIRING TERMINALS AND I/O SCHEMATICS





WARNING

1000

Plug type

Terminals T1 thru T10

Risk of electric shock - All

wiring must be insulated

and rated 300V minimum.

Plug type

Power Input Terminal T11

TOUCHPAD CONTROL FUNCTIONS

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Pres	ss and release to act
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	and increase pum
	Speed Adjust mod
	progressively fast
	Press and release
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	5300 Business Huntington Bea USA



Press and release to select a Run

ter the Press and release to enter the Blue-White r the currently $(\equiv$ configuration menus. nual Speed Adjust 228 Press and release to confirm a rime the pump. \triangleright menu selection. GAL/DAY (`Ÿ́ Press and release to view ctivate light. revolution counter data.

se to select menu nenu values by one, np output in Manual

to increase values

to start the pump.

to stop the pump.

se to select menu menu values by one, mp output in Manual to decrease values

s Drive ach, CA 92649



Press and release to select menu items

Press and release (when not in the configuration menu) to toggle the display units of measure and to display the current input signal values

Blue-White[®]

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Mounting location

Choose an area located near the chemical supply tank, chemical injection point, and electrical supply. Install the pump where it can be easily serviced.

Mounting brackets are included. Mount the pump to a secure surface using the enclosed mounting hardware.

Mount the pump close to the injection point. Keep the inlet (suction) and outlet (discharge) pipe or tubing as short as possible. Longer discharge tubing increases back pressure at pump head.

Keep the suction lift height as low as possible. Increased suction lift heights can decrease the pump's efficiency.

A back flow prevention check valve is recommended at the injection point to prevent system fluid from flowing back through the pump. The check valve internals must be kept clean. Back flow check valves are available from the factory.

A pressure relief valve is recommended at the discharge of the pump to prevent excessive pressure resulting in premature wear and damage to the pump in the event the discharge line becomes blocked.

SPECIFICATIONS:

Maximum working pressure*: 135 psig (9.3 bar), *model specific

Maximum Fluid temperature: 185° F (85° C)

Maximum fluid viscosity: 1,000 Centipoise

Maximum suction lift: 23 ft. Water, 0 psig (7 m, 0 bar)

Ambient Operating Temperature 14°F to 115°F (-10°C to 46°C)

Ambient Storage Temperature -40°F to 158°F (-40°C to 70°C)

Operating Voltage: 96 to 264VAC-50/60Hz. 220 Watts

WARNING Risk of electric shock - cord connected models are supplied with a be certain that it is connected only to a properly grounded, ground WARNING Electrical connections and grounding (earthing) must conform to I located in the wiring compartment. WARNING Risk of electric shock - Disconnect electricity before removing the located in the wiring compartment. WARNING Risk of electric shock - Disconnect electricity before removing the located in the wiring compartment. CAUTION Risk of chemical overdose. Be certain pump does not overdose of depending on solution being pumped. Refer to MSDS precaution CAUTION All diagrams are strictly for guideline purposes only. Always consistould be serviced by qualified.		
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MD3 QUICKSTART GUIDE



MOUNTING HOLE SPACINGS:

a grounding conductor and grounding-type attachment plug. To reduce risk of electric shock, ding-type receptacle.

local wiring codes. Be certain that a grounding conductor is connected to terminal T11-1

wiring compartment cover.

chemical during backwash and periods of no flow in circulation system.

gloves when working on or near your metering pump. Additional precautions should be taken ns from your solution supplier.

sult an expert before installing metering pump on specialized systems. Metering pump

FLOW PATH CONFIGURATIONS

DISCHARGE MANIFOLD



SUCTION MANIFOLD



CHEM-FEED® CONFIGURATION MENU FLOW CHART

Menu + Configuratio + Input Setup + Output Setup + Power Fail option <- Esc