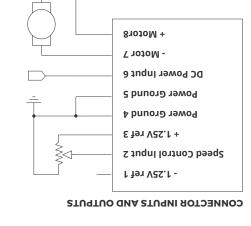


For Model P625/66 R16 Balance Pot



occur if the supply voltage were removed.

When designing this pump into your system, remember that it is better to bring the pump to a stop by setting the speed control voltage to zero. This will actively brake the motor and bring it to a stop more quickly than would

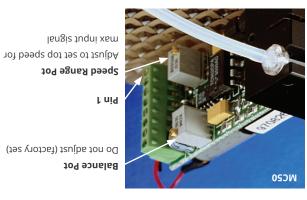
the Speed Range pot.

Match the full-scale motor range to your full scale input signal by adjusting

than I mA.

Attach power supply, motor, and control voltage input (either from a voltage source or from a pot as shown). The reference voltages on pins 1 and 3 are provided for your convenience. Use none, one both. Do not draw more

ELECTRICAL SET-UP



For Models P625/275, P625/900, and P625/10K

Adjustments & Connector Orientation

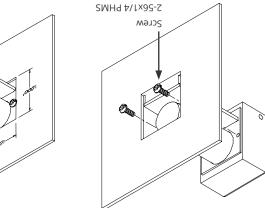
北京铭泰佳信科技有限公司

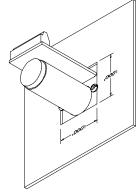
INSTECH

Model P625 Peristaltic Pump

SET-UP INSTRUCTIONS







3 inch square opening

Panel Mounting

* Actual output values may vary.

Actual output values may van				
Gearhead Type	Spur	Spur	Planetary	Planetary
beed2 qoT	М9Я 2.1	M9A 8.71	Md RPM	150 RPM
Motor Gear Ratio	1:E8901	l:006	l:SZZ	Į:99
Accuracy	%S	%S	%S	%S
*sats% wold adut "2f0. adut "050. adut "f50. adut "250. adut"20.	nim\lq \.7.8-28.0 nim\lq \.\$1-e2.0 nim\lq \.\$8-0.1 nim\lq \.\$4-7.3 nim\lq \.\$4-2.8.1	nim\lm 80.0-400.0 nim\lm 41.0-700.0 nim\lm 04.0-020.0 nim\lm 7.1-80.0 nim\lm £.E-81.0	nim\lm \71.0-800.0 nim\lm \perp.0-\710.0 nim\lm \square\0.0-\0.0\0.0 nim\lm \perp.\0.5-\71.0 nim\lm \text{\text{\$\cute{1.0}}}	nim\lm 0.0-80.0 nim\lm 0.1-20.0 nim\lm 0.1-20.0 nim\lm 01-2.0 nim\lm \text{S1-1.1}
Recommended Flow Rate Range	nim\lq 021-48.0	0.15-1 ml/min 9-60 ml/hr	nlm\lm 2-1 306-09 http://	5-22 ml/min 300-1300 ml/hr
snoisnamid (d x H x W)	ni 1.2 x 1.1 x E.1 mm 42 x 72 x 2E	ni 1.2 x 1.1 x E.1 mm 42 x 72 x 28	ni 4.2 x 1.1 x 8.1 mm 13 x 72 x 28	ni 7.5 x 1.1 x E.1 mm 80 x 75 x 5E
(tex edut gnibuloxe) Weight	55 grams	53 grams	39 grams	72 grams
Panel Mounting Hole	mergeib 992 - (mm 42.5 x 42.5) dɔni 90.1×0.1			
Terminal Barrier Block Type	8 gripaga mm2.5 ditw werbe			
Rotation Direction	Determine by polarity of speed control voltage			
Speed Control Voltage Input	Factory Set -1.25 to +1.25 VDC (voltage for top speed adjustable from +1.42 to VDC)			
Power Supply Current 1. Typical at full speed 2. Quiescent	Am SS-81 Am 2.7	Am 0£-2S Am 2.7	Am 2S-ef Am 2.7	Am 27-02 Am 41
Power Supply Voltage 1. Recommended 2. Maximum	+18 ADC +18-55 ADC	+18 ADC +8-15 ADC	+18 ADC +15-16 ADC	+18 ADC +19-18 ADC
Motor Power Rating	W £.0	W E.0	W 27.0	W 4.1
Motor Voltage Nominal	4.5 VDC	4.5 VDC	8.0 VDC	15 ADC

P625/900

P625/10K

- from its slot and wait until it has fully disengaged. With the rotor turning, lift the input side of the tube Actuate the pump.

Pump Tube Removal

of the pump head, starting from the input side. tube down between the rotor and the interior wall

- With the rotor turning, use your finger to guide the ٦.
 - Actuate the pump. .ε
 - Leave the U-shaped loop over the rotor.
- Slide the tube set into the slot and seat the ferrules.

Pump Tube Installation

C-FLEX is a registered trademark of Consolidated Polymer Technologies Inc.

NOTE: PharMed and Tygon are registered trademarks of Norton Performance

specify part number KSK. around the rotor. Replacement strips are available the flow rate calibration. The strip should never be tight through the pump, which can stretch the tube and alter the tendency for the peristaltic action to walk the tube This amber strip reduces tube wear and minimizes

KAPTON STRIPS

will draw higher motor current. tubing will last about 10 times longer but is harder and in the neoprene family, such as PharMed®. Neoprene C-FLEX® or Tygon® tube will not last as long as tubing RPM, and the solution you are pumping. A silicone,

Tube set lifetime will depend on the tube material, motor

various solutions is also available on our website. application. Information on tube set compatibility with custom tube sets may be available depending on your add new materials, sizes and configurations. In addition, on available tube sets. The list changes frequently as we refer to our website, www.instechlabs.com, for details PharMed® and Tygon® from "210" to .093" ID. Please of materials and sizes, including silicone, C-FLEX®, Instech offers replacement P625 tube sets in a variety

TUBE SETS

P625/66

P625/275

Replacement Parts