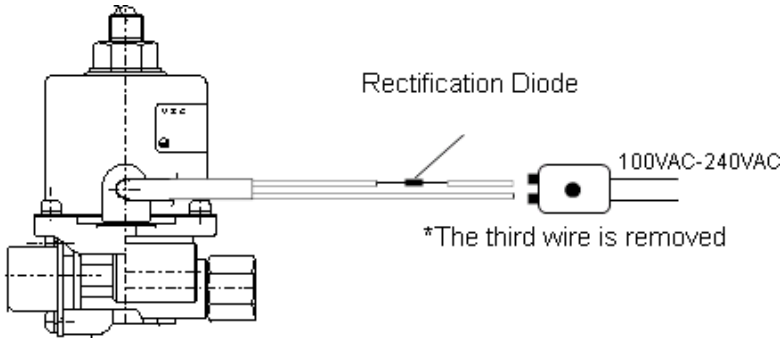


<<< User's Manual >>>

<p>1. Input Voltage:</p>	<p>«100VAC-240VAC 50/60Hz(half-wave rectification)» Connect a rectification diode. ① For two wire···Connect a diode on one wire, and input AC power to both wires. ② For three wire···Connect a diode on Blue wire, and input AC power to two wires. Wiring (50HZ)···Blue and Red wire(Yellow is unnecessary) (60HZ)···Blue and Yellow wire(Red is unnecessary) <wiring reference></p> 
	<p>«12VDC, 24VDC(by PWM or PFM)» It is necessary to preparing a driver. Please refer the other manual of circuit specification.</p>
<p>2. Setting</p>	<p>As a principle, install a pump discharge side in the vertical and turning it upward toward the ground. Entrained air may be necessary for several minutes to come out, and, discharge pressure and flow rate may be instability when the inlet side of pump is downward.</p>
<p>3. Vibration</p>	<p>This pump causes some vibration with driving. To avoid any bad effect to device, to have an attention to the strength of setting plate and the setting way, and to use a vibration-absorbing rubber mat is effective.</p>
<p>4. Attention to use</p>	<ul style="list-style-type: none"> ○ Do not idle a pump without a fluid for 15min. or more. ○ This model is not a structure for waterproof. It causes a trouble when it becomes covered with the water. Be careful of such use under the condition which electricity puts specially because it is very dangerous. ○ Stop use at once, and tell conditions to the one to Sales Dept. when there is a problem such as fluid leakage on your application. Do not disassemble our pump by yourself, please.
<p>5. Setting Example</p>	