

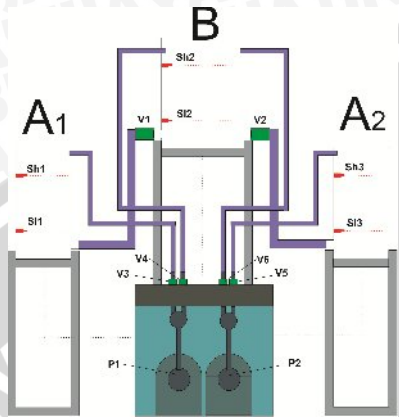
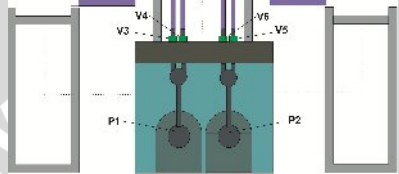
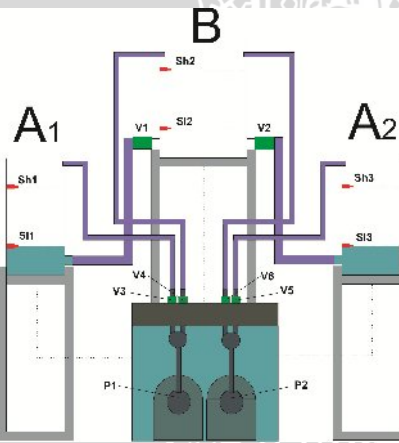
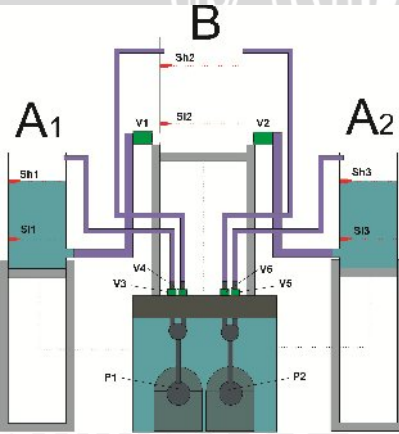
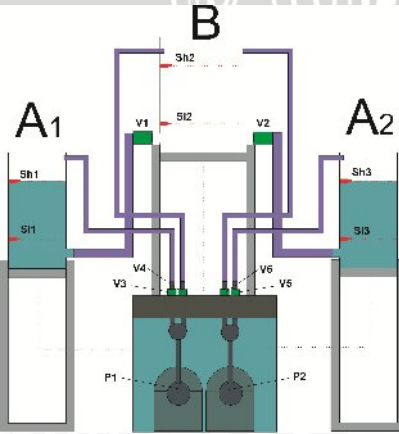


LAMPIRAN I

PERANCANGAN PROSES DISTRIBUSI

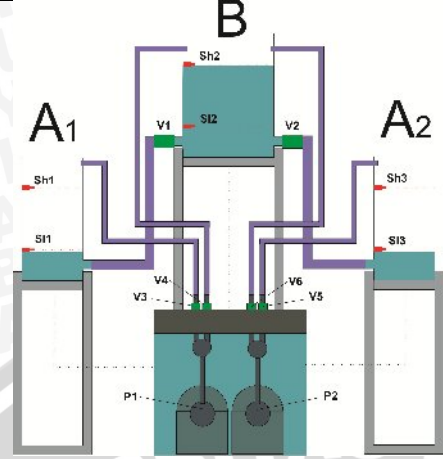
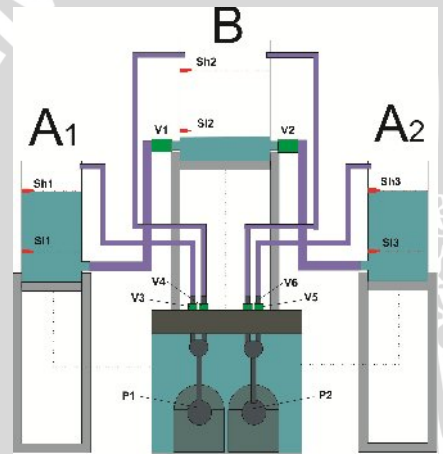
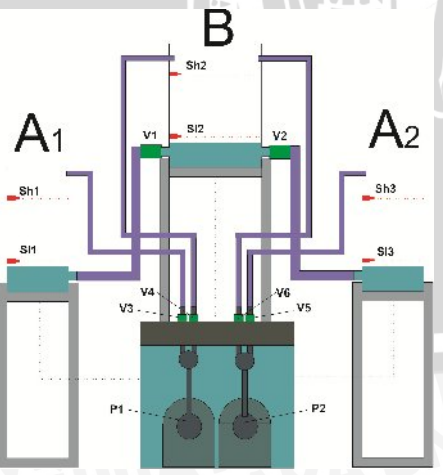


PERANCANGAN PENGATURAN DISTRIBUSI AIR

Proses ke	Gambar Proses	Keterangan Proses
1		<p>Komponen Aktif : V3, V5</p> <p>Fungsi Aktif : Timer 0 dan Timer 1</p>
2		<p>Komponen Aktif : V3, V5, P1, P2</p> <p>Fungsi Aktif : -</p>
3		<p>Komponen Aktif : V3, V5, P1, P2 S11, S13</p> <p>Fungsi Aktif : -</p>
4		<p>Komponen Aktif : V4, V6 S11, Sh1, S13, Sh3</p> <p>Fungsi Aktif : Timer 0 dan Timer 1</p>
5		<p>Komponen Aktif : V4, V6, P1, P2 S11, Sh1, S13, Sh3</p> <p>Fungsi Aktif : -</p>

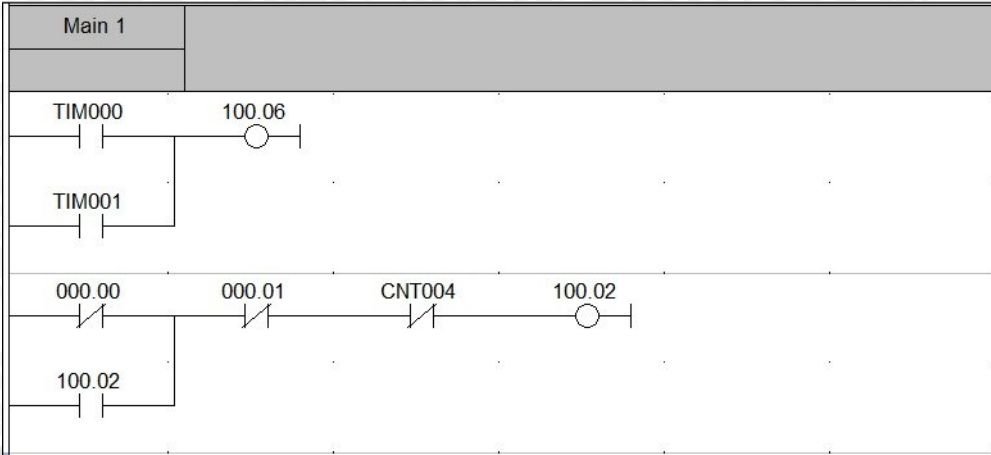
6		<p>Komponen Aktif : V4, V6, P1, P2 S11, Sh1, S12, S13, Sh3</p> <p>Fungsi Aktif : -</p>
7		<p>Komponen Aktif : S11, Sh1, S12, Sh2, S13, Sh3</p> <p>Fungsi Aktif : Counter 1 dan Counter 2 (1x)</p>

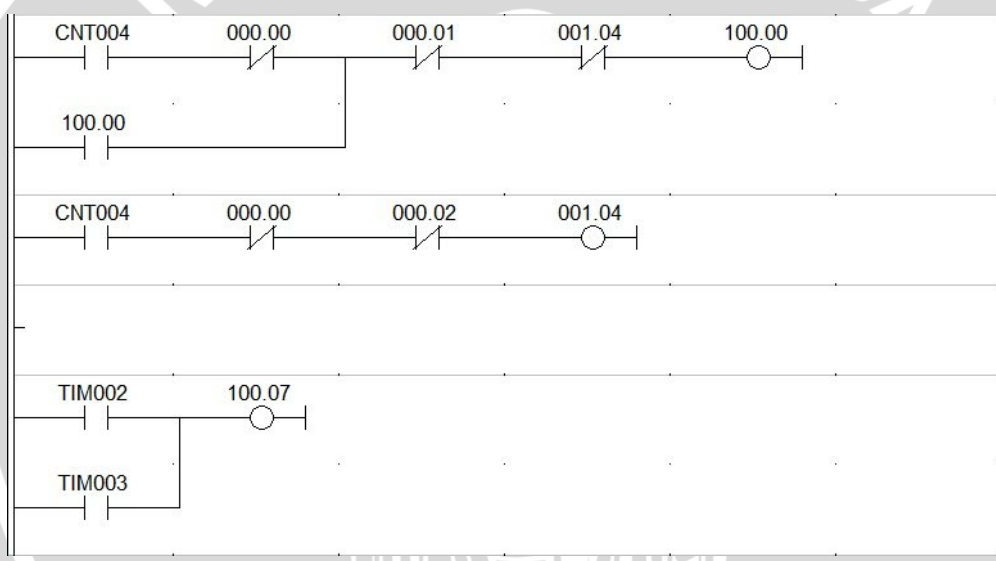
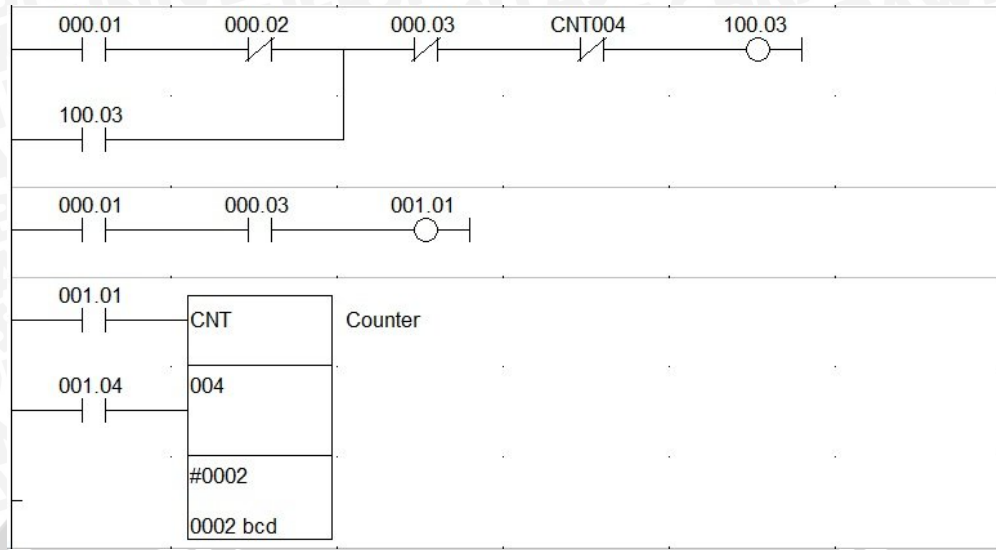
<p>8</p> <p>9</p> <p>10</p>		<p>Komponen Aktif : V3, V5 S12, Sh2</p> <p>Fungsi Aktif : Timer 0 dan Timer 1</p> <p>Komponen Aktif : V3, V5, P1, P2 S12, Sh2</p> <p>Fungsi Aktif : -</p> <p>Komponen Aktif : V3, V5, P1, P2 S11, S12, Sh2, S13</p> <p>Fungsi Aktif : -</p>
<p>11</p>		<p>Komponen Aktif : S11, Sh1, S12, Sh2, S13, Sh3</p> <p>Fungsi Aktif : Counter 1 dan Counter 2 (2x)</p>

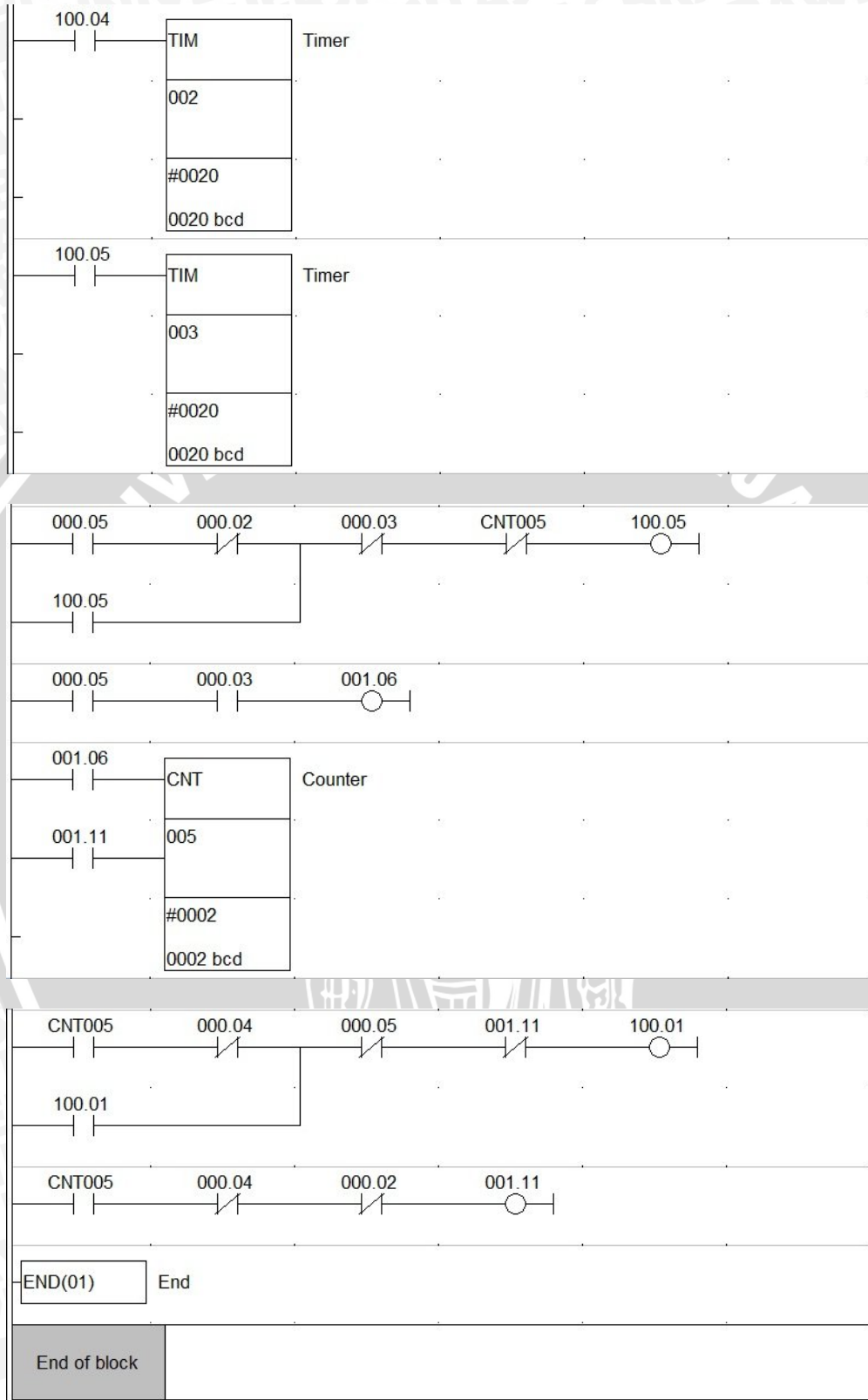
<p>12</p>		<p>Komponen Aktif : V1, V2 SI2, Sh2</p> <p>Fungsi Aktif : -</p>
<p>13</p>		<p>Komponen Aktif : V1, V2 SI1, Sh1, SI3, Sh3</p> <p>Fungsi Aktif : -</p>
<p>14</p>		<p>Tangki A dan B Kosong : Terjadi proses berulang menuju proses pertama</p>

LAMPIRAN II
LISTING PROGRAM









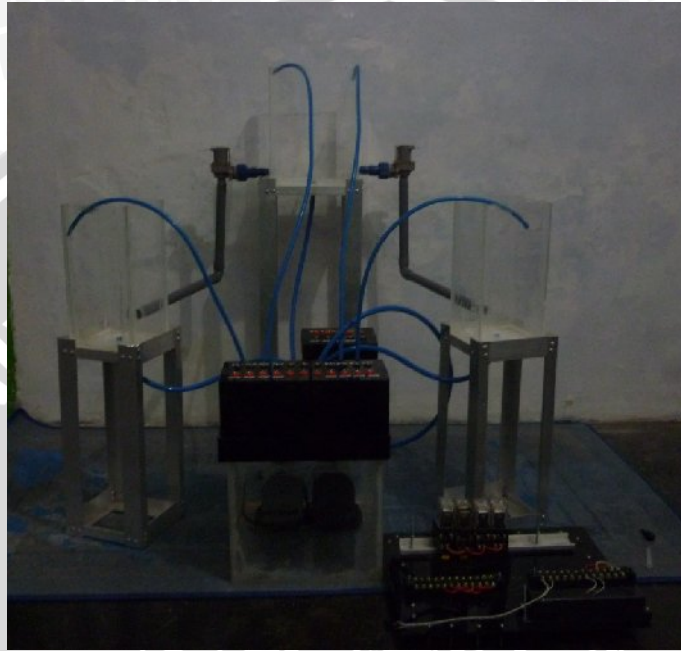
LAMPIRAN III

FOTO ALAT



FOTO ALAT

Gambar 1 Model Miniatur Distribusi Air Keseluruhan Tampak Depan



Gambar 2 Model Miniatur Distribusi Air Keseluruhan Tampak Samping



Gambar 3 Model Miniatur Distribusi Air Keseluruhan Tampak Atas



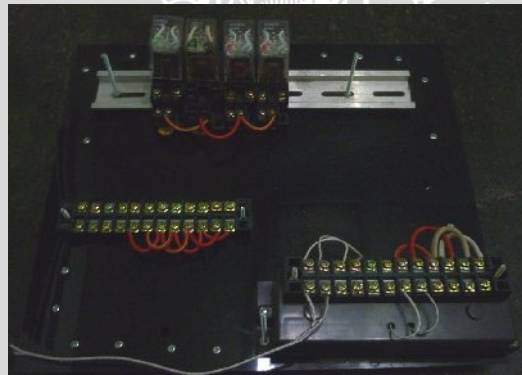
Gambar 4 Model Miniatur *Plant* Tangki Air Ukuran 10x10x20 (cm³)



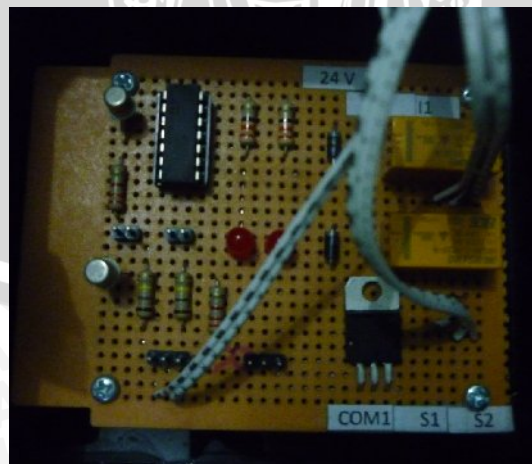
Gambar 5 Model Miniatur *Plant* Tangki Air Ukuran 15x10x20 (cm³)



Gambar 6 Blok Relay dan Catu 24VDC



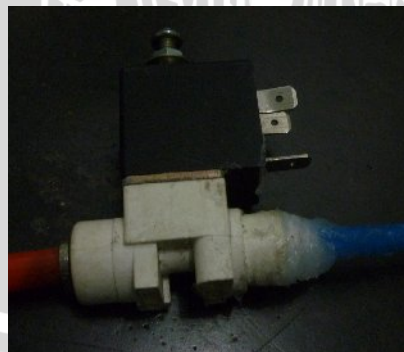
Gambar 7 Sistem Elektrik *Sensor Water Level*



Gambar 8 Motor Pompa Akuarium



Gambar 9 Solenoid Valve



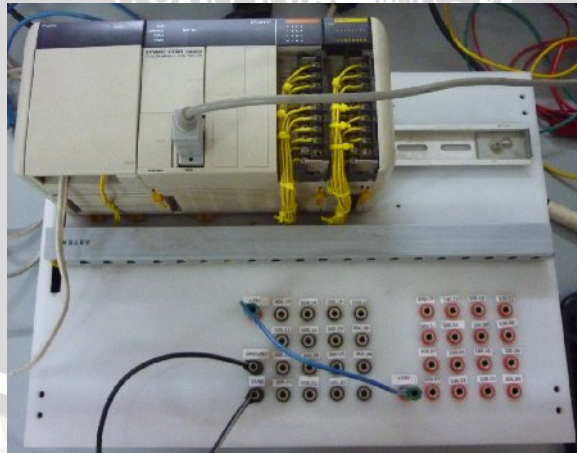
Gambar 10 Konektor Distribusi Air (pipa)



Gambar 11 Konektor Distribusi Air (selang)



Gambar 12 PLC Omron CQM1



LAMPIRAN IV

DATA SHEET

