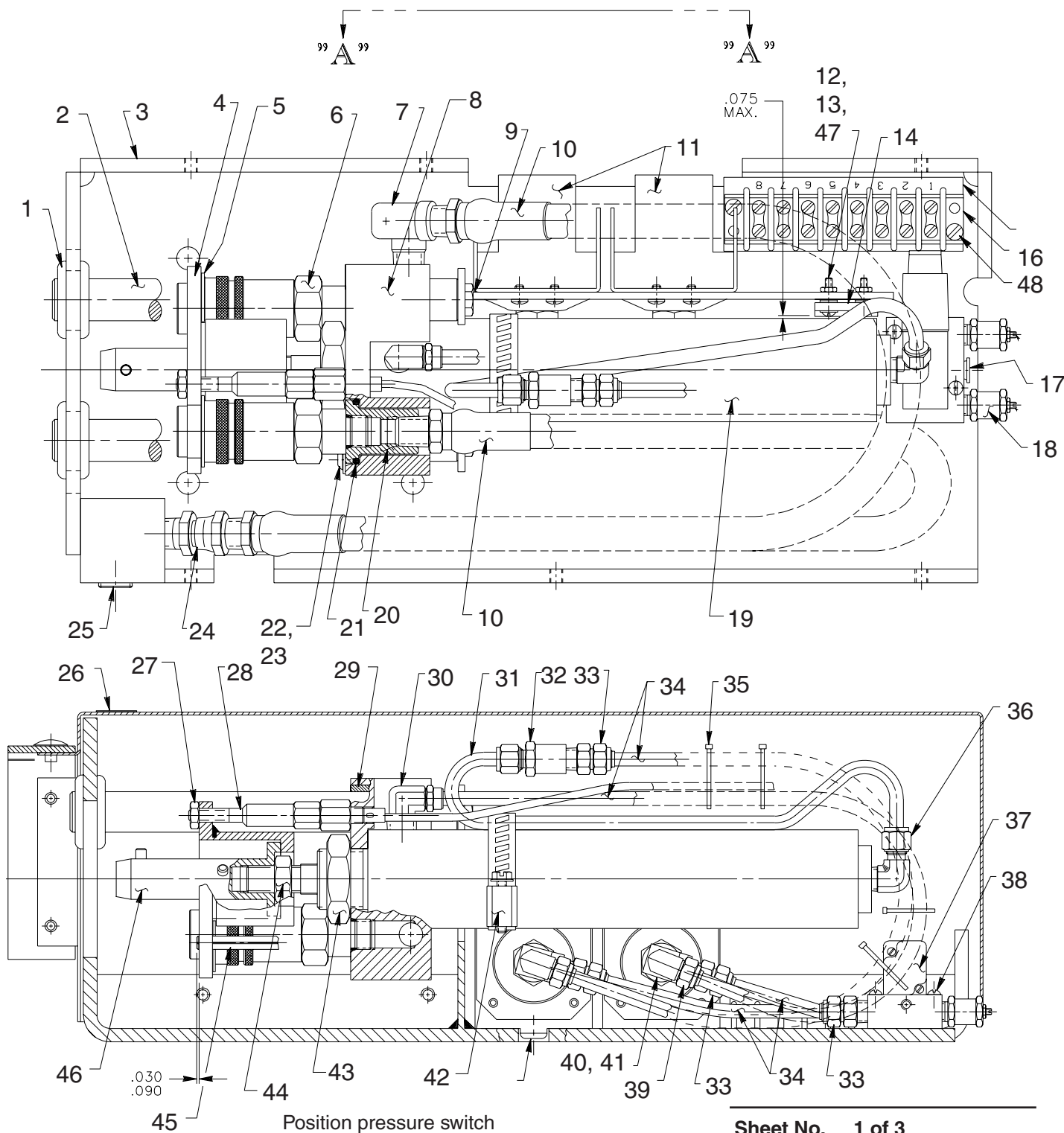


AUTOMATIC COUPLING SYSTEM BASE UNIT



Parts List, Form No. 100703, Back sheet 1 of 3

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	214511	2	Rubber Grommet	26	203866	1	Caution Decal
2	214255	2	Slide Rod	27	10383	1	Nut (1/4-20)
3	53047	1	Frame	28	250738	1	Bolt
4	308163	1	Release Block	29	210548	2	Sleeve Bearing
5	214507	2	Retaining Ring	30	15457	1	90° Elbow Fitting
6	214258	2	Coupler	31	308241	1	Tube
7	10615	1	90° Elbow Fitting	32	15062	1	Straight Fitting
8	53046	1	Sliding Block	33	15042	5	Straight Fitting
9	10027	2	Cap Screw (5/16-18 x 5/8 Lg.)	34	14726	3.4 ft.	Plastic Air Tube
10	303664	2	Hydraulic Hose	35	12313	AR	Cable Tie
11	214510	2	Pressure Switch	36	205792	1	90° Elbow Fitting
12	11835	2	Machine Screw (#4-40 x 1/2 Lg.)	37	308260	1	Air Valve
13	10194	2	Nut (#4-40)	38	16099	2	Machine Screw (#6-32 x 3/4 Lg.)
14	214509	1	Proximity Switch	39	252653	2	90° Elbow Fitting
15	19979	1	Marker Strip	40	19463	2	Tee Fitting
16	19978	1	Block Terminal	41	13269	2	Adapter Fitting
17	15697	1	Plastic Plug	42	15627	1	Hose Clamp
18	213346	2	Flow Control Muffler	43	214492	1	Cylinder Nut
19	308259	1	Air Cylinder	44	10390	1	Nut
20	308124	1	Coupler Bushing	45	14252	1	Slotted Spring Pin (1/4 x 3-1/2 Lg.)
21	16684	1	O-ring (1-3/16 x 1" x 3/32, -120)	46	308123	1	Cam Pin
22	15951	3	Cap Screw (#10-24 x 1/4 Lg.)	47	208486	AR	Washer (#4)
23	11089	3	Washer (#10)	48	10429	2	Machine Screw (#8-32)
24	11310	2	Straight Swivel Fitting				
25	14972	2	Female Drive Plug				

AR: As Required

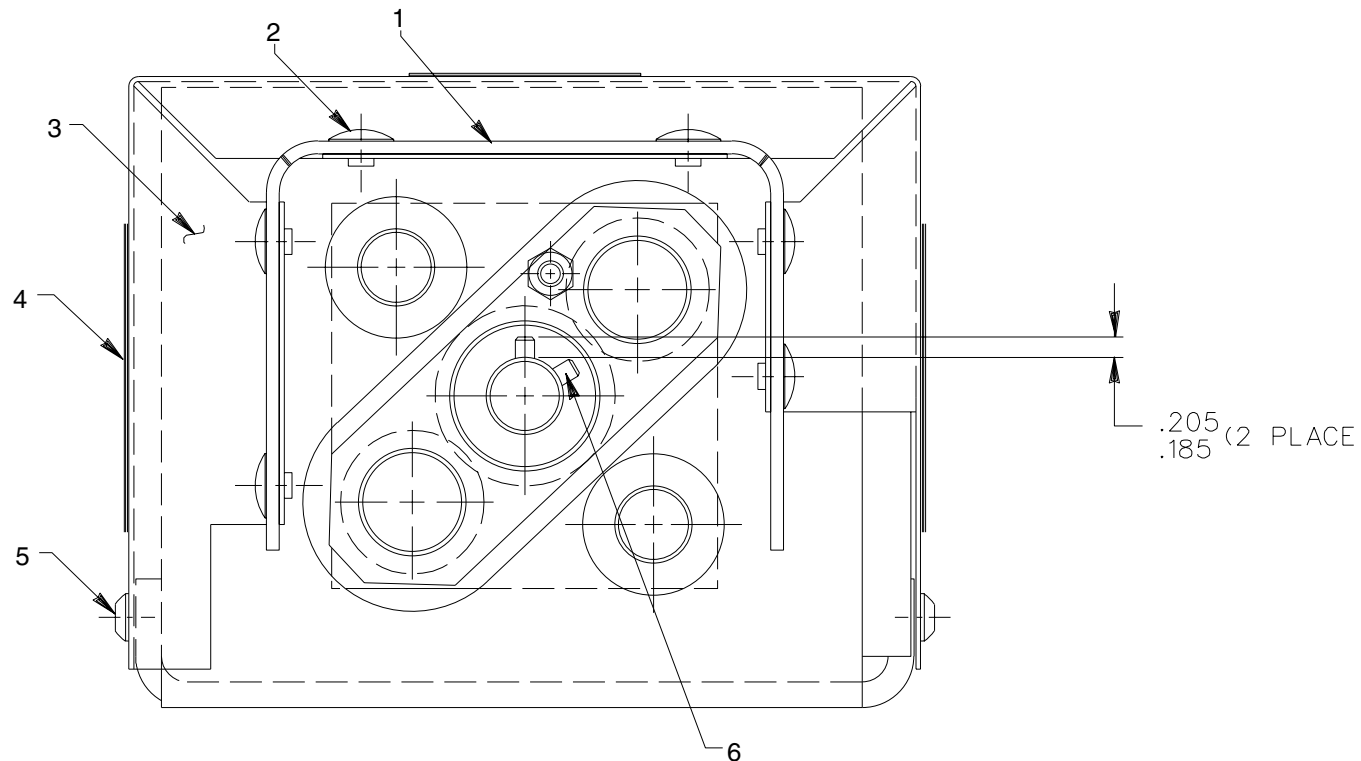
Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.

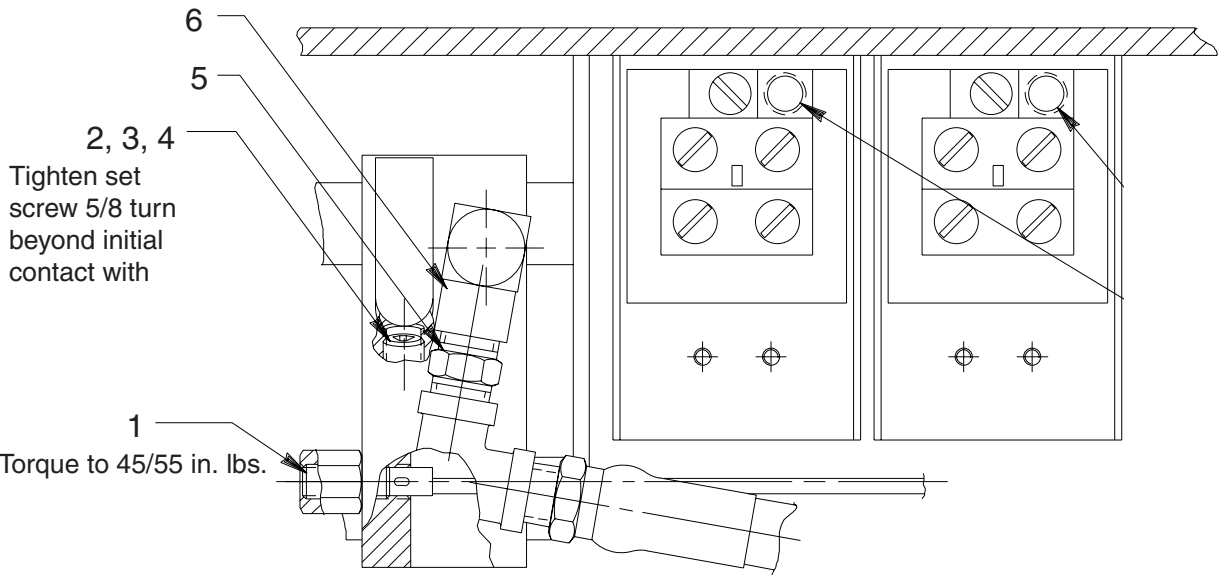
Note: Shaded areas reflect last revision(s) made to this form.

END VIEW



Item No.	Part No.	No. Req'd	Description
1	308258	1	Rubber Strip
2	211498	6	Pop Rivet
3	61746WH2	1	Housing
4	308262	2	Decal
5	16807	6	Cap Screw (1/4-20 x 3/8 Lg.)
6	214513	2	Groove Pin (3/16 x 3/4 Lg.)

SECTION A-A



Item No.	Part No.	No. Req'd	Description
1	250736	1	Proximity Switch Assembly (Torque to 45/55 in. lbs.)
2	214512	2	Nylon Ball (5/16 dia.)
3	214464	2	Compression Spring
4	18755	2	Set Screw (3/8-16 x 3/8 Lg.)
5	10672	1	Straight Nipple Fitting
6	10617	1	90° Elbow Fitting
7	12313	AR	Cable Tie

AR: As Required

Wiring diagram for the 1000Watt 12VDC Power Supply. The diagram shows a power supply unit (PSW) connected to a terminal block (TB) and a fuse block. The PSW has terminals for PSW, PSW+, PSW-, and PSW+. The terminal block has terminals 1 through 8. The fuse block has terminals for SW1, SW2, and MPSW. The diagram shows the following connections:

- PSW+ to TB1 (ORANGE)
- PSW- to TB2 (ORANGE)
- PSW to TB3 (ORANGE)
- PSW+ to TB4 (ORANGE)
- PSW- to TB5 (ORANGE)
- PSW to TB6 (ORANGE)
- PSW+ to TB7 (ORANGE)
- PSW- to TB8 (ORANGE)

The fuse block has SW1 connected to TB1 (ORANGE), SW2 connected to TB2 (ORANGE), and MPSW connected to TB3 (ORANGE).

The diagram also shows a terminal block for the AV input, with BLACK and WHITE wires connected to the terminals.

NOTE: TERMINAL BLOCK IS SHOWN UNASSEMBLED IN THIS VIEW FOR CLARITY OF WIRING DIAGRAM.

WIRING DIAGRAM FOR 2 WIRE PROXIMITY SWITCH

