

ADVANCED PNEUMATIC TRAINING SET

Model Number : GOTT-PNE-ADV-01

No	Contents	Qty.	Order No.
1	Vacuum valve and suction cup	1	012-406
2	Vacuum actuator	1	012-407
3	Pneumatic proximity S/W	1	012-408
4	Back pressure valve	1	012-409
5	Rodless cylinder and mounting	1	012-410
6	Weight control cylinder	1	012-411
7	Low pressure pneumatic sensor	1	012-412
8	Low pressure regulating valve	1	012-413
9	High pressure amplifier	1	012-414
10	3/2-WAY valve select S/W	1	012-323
11	3/2-WAY valve EMG S/W	1	012-324

No	Contents	Qty.	Order No.
12	5/3-WAY valve (mid-position)	1	012-333
13	5/3-WAY valve (mid-position)	1	012-334
14	5/3-WAY valve (mid-position)	1	012-335
15	Rotary cylinder	1	012-415
16	Air tank	1	012-416
17	Back pressure signal generator	2	012-306
18	Shuttle (OR) valve (3-fold)	1	012-401
19	Dual-Pressure (AND) valve (3-fold)	1	012-402
20	Stepper module	1	012-403
21	Stepper module	1	012-405
22	Air check valve	1	012-354

EXPERIMENT TOPICS :

- Various additional condition -auto/manual select, emergency circuit
- Vacuum system
- Pneumatic sequence control
- Control circuit for stepper module
- Basic pneumatic control
- Fault searching in pneumatic system
- Safety of pneumatic system

RECOMMENDED OPTION :

- Teachware

BASIC ELECTRO-PNEUMATIC TRAINING SET

Model Number : GOTT-EPNE-BAS-01

INTRODUCTION :

Electro-pneumatic training set includes basic components of pneumatics training set. Furthermore, since it has electric components, it's possible to train advanced control level as well as basic principle of electro-pneumatics with some additional part.

No.	Contents	Qty.	Order No.
1	Service unit*	1	012-101
2	Air distributor*	1	012-201
3	Single acting cylinder*	1	012-210
4	Double acting cylinder, cushion**	4	012-220
5	Double acting cylinder, cushion/flow control**	1	012-216
6	Double acting cylinder, cushion/proximity switch**	1	012-215
7	Double acting cylinder, cushion / flow control /proximity switch**	1	012-217
8	3/2-WAY solenoid valve(N/C)	1	013-010
9	3/2-WAY solenoid valve(N/O)	1	013-011
10	5/2-WAY single solenoid valve	4	013-012
11	5/2-WAY double solenoid valve	3	013-013
12	Pressure switch	1	013-020
13	Relay,3-fold	3	013-030
14	Time relay	1	013-031
15	Counter	1	013-032

No.	Contents	Qty.	Order No.
16	Push-button switch set	1	012-101
17	Inductive sensor	1	012-201
18	Capacitive sensor	1	012-210
19	Optical sensor	4	012-220
20	Electric proximity switch	1	012-216
21	Electric limit switch (left)	1	012-215
22	Electric limit switch (right)	1	012-217
23	Electric distributor	1	013-010
24	Power supply	1	013-011
25	Cable set	4	013-012
26	Emergency S/W	3	013-013
27	Service unit	1	013-020
28	Air distributor	3	013-030
29	Single acting cylinder	1	013-031
30	Double acting cylinder, cushion	1	013-032
*	Overlapping with FP 101		
**	Option		

EXPERIMENT TOPICS :

- Physical principle of electro-pneumatics training set
- Relay control circuit
- Electric self-holding circuit
- Feature of magnetic proximity switch
- Electric sequence control circuit
- Step diagram

RECOMMENDED OPTION :

- Teachware