ELECTRO-HYDRAULIC TRAINING SET, ADVANCED LEVEL
Model Number : GOTT-EHYD-ADV-01

No. | Contents                                         | Order No. | Qty.
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1  | Relay, 3-fold                                      | 13030     | 2    
2  | Push-button switch set                            | 13033     | 1    
3  | Electrical distributor                            | 13034     | 1    
4  | Limit switch electrical left-actuated            | 13051     | 2    
5  | Limit switch, electrical, right-actuated         | 13052     | 2    
6  | Cable set                                         | 13080     | 1    
7  | Power supply                                      | 13090     | 1    
8  | Weight                                            | 15022     | 1    
9  | Double-acting cylinder                            | 15031     | 1    
10 | Hydraulic motor                                   | 15035     | 1    
11 | Pressure relief valve (directly controlled)      | 15050     | 2    
12 | Pressure compensating flow control valve          | 15053     | 1    
13 | One-way flow control valve                        | 15061     | 1    
14 | Pilot actuated check valve                        | 15062     | 1    
15 | Check valve (1 bar)                               | 15064     | 1    
16 | Check valve (5 bar)                               | 15065     | 1    
17 | T connector                                       | 15066     | 8    
18 | Pressure gauge                                    | 15070     | 3    
19 | 4/2-way single solenoid valve                     | 16012     | 1    
20 | 4/3-way double solenoid valve (All block)         | 16014     | 1    
21 | Hose, 1500mm                                     | 15090     | 2    
22 | Hose, 1000mm                                      | 15091     | 8    
23 | Hose, 600mm                                      | 15092     | 8    

EXPERIMENT TOPICS:
- Basic principle of electro-hydraulic
- Function of electro-hydraulic training set
- Electro-hydraulic control circuit
- Relay control circuit
- Electric self holding circuit
- Composing control system
- Count balance circuit
- Pressure compensative flow control valve
- Sequence and emergency circuit
- Application of hydraulic circuit
- Manual, auto, memory circuit
- Speed control circuit
- Fault finding in electro-hydraulic control system

PROPORTIONAL HYDRAULIC TRAINING SET
Model Number : GOTT-HYD-PRO-01

No. | Contents                                | Order No. | Qty.
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1  | Pressure gauge                          | 15070     | 2    
2  | 2-way flow control valve                 | 15060     | 1    
3  | One-way flow control valve               | 15061     | 1    
4  | T connector                             | 15066     | 2    
5  | Pressure relief valve (directly controlled) | 15050     | 1    
6  | Double acting cylinder                  | 15031     | 1    
7  | Hydraulic motor                         | 15035     | 1    
8  | Pressure filter                         | 18008     | 1    
9  | Weight                                  | 15022     | 1    
10 | Pressure compensation valve             | 18009     | 1    
11 | Relay (3-fold)                          | 13030     | 1    
12 | Push-button switch set                  | 13033     | 1    
13 | Proportional amplifier                  | 18002     | 1    
14 | Setpoint control card                   | 18001     | 1    
15 | 4/2-WAY solenoid valve                  | 16012     | 1    
16 | 4/3-WAY proportional control valve      | 18012     | 2    
17 | Proportional pressure relief valve      | 18006     | 1    
18 | Inductive sensor                        | 13040     | 1    
19 | Hose 1500mm                             | 15090     | 2    
20 | Hose 1000mm                             | 15091     | 8    
21 | Power supply                            | 13090     | 1    
22 | Cable set                               | 13080     | 1    
23 | Digital multimeter                      | 21012     | 1    

EXPERIMENT TOPICS:
- Feature of setpoint control card
- Principle of proportional amplifier
- P, I, D parameter
- Feature of Proportional control valve
- Proportional pressure relief valve for pressure setting
- Pump control circuit
- Multi step speed control
- Pressure control circuit
- Emergency circuit
- Mid-position control circuit
- Acceleration control circuit