



### Basic pneumatic package

- This is a mandatory basic package that includes basic pneumatic products like Air cylinder, FRL, Multi distributor units, One touch fittings, Final control elements, Tubes etc.,
- Function of air preparation units filter, regulator and lubricator
- One touch fittings and tubing for easy connect and disconnect

Sr.No.	Item Description	Quantity
1.	FRL Unit with pressure gauge	1
2.	Junction box with Slide valve	1
3.	Flow control valve unit	4
4.	Single acting cylinder (SAC)	1
5.	Double acting cylinder (DAC)	2
6.	Union tee Dia4	4
7.	Union Y Dia4	4
8.	Plug Dia4	6
9.	Tube (PU) OD8 (blue)	5 meters
10.	Tube (PU) OD4 (blue)	10 meters
11.	Tube cutter	1



Note: Specifications are subject to change.

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### Basic electro pneumatic package

- Includes basic electro pneumatic products like solenoid valves, magnetic sensors etc.,
- Solenoid valves for actuator control
- Position sensing using magnetic sensors
- Operation of signal elements
- Cables with banana plugs for easy connect & disconnect
- Creation of basic electro pneumatic circuits

S.n.	no Item Description	Qty.
1.	5/2 Single solenoid operated valve with spring Return (with LED)	1
2.	5/2 Double solenoid operated valve (With LED)	2
3.	Magnetic sensor with clamp for Miniature cylinder	6
4.	Electrical Connection set	1
5.	Electrical push button module	1



### Basic electro pneumatic add on module

- Includes basic electro pneumatic products like relay etc.,
- Latching of solenoid coils using Relay
- Function of 4C/O Relay
- Understanding of Latching circuits
- Creation of basic electro pneumatic circuits using relay

S.n.	no Item Description	Qty.
1.	Relay logic unit - 4C/O - 3 Relays	2
2.	Electro Pneumatics - Exercises	1



### Advanced electro pneumatic add on module

- Includes advanced electro pneumatic products like electrical timer and counter etc.,
- Functions of ON delay & OFF Delay timer
- Pulse counting using Counter
- Operation of Various types of proximity sensors - inductive, capacitive, Photo electric
- Creation of advanced electro pneumatic circuits

S.n.	no Item Description	Qty.
1.	Inductive proximity sensor assembly	1
2.	Capacitive proximity sensor assembly	1
3.	Optical proximity sensor assembly	1
4.	Electrical counter module	1
5.	Electrical buzzer with indicator module	1
6.	ON & OFF delay timer module	1



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