

IPC-42

FORWARD AND REVERSE CONTROL OF PNEUMATIC CYLINDER



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

1. To study the Forward and Reverse control of Pneumatic Cylinder

TECHNICAL DESCRIPTION :

Module comprises of a pneumatic cylinder of movement 100mm. Two pressure ports are provided on the cylinder for forward and backward movement of piston. Two way solenoid valves is used for controlling forward and reverse movement of the piston. Air Regulator with dial gauge is fixed to control the input air. Two limit switches are provided to sense the minimum and maximum position of the piston.

DIMENSIONS AND WEIGHT :

Size :0.4 m.(L)x 0.4m(W) X 0.3m (H)

Weight :Approx. 5 Kg

SERVICE REQUIRED :

POWER SUPPLY :

230V AC Single Phase

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual