



## ADVANCED MODULAR ELECTRO-PNEUMATIC TRAINER



Who is it for?

- Mechatronics & Automation Technician
- Automatic Systems Maintenance Tech.
- Electronics Tech.

With this trainer the students can perform more than **40** experiments

### DL 8115EPA

This optional trainer, composed of three modules, is suggested in addition to the main electro-pneumatic configuration **DL 8115EPB**, to enhance the basic applications and to allow the students to perform a greater number of experiments using advanced components in this field. They can be mounted on the same frame supplied with the basic trainer, easy to fix and to remove, and can be feed from its main air supply unit.

All the components are identified through clear symbols.



## TECHNICAL FEATURES

It includes the following modules:

- **DL 8110P06** with:
  - ◆ 2 manometers/pressure gauges 0 ÷ 10 bar, in line,
  - ◆ 1 micro flow regulator, bidirectional, in line.
- **DL 8115EP09** with:
  - ◆ 1 pressure switch with 1NO/1NC switching contacts [Max. current: 2A/Max. voltage: 250V], with knurled push-lock handle for pressure interval regulation 0.5 ÷ 10 bar,
  - ◆ 1 pressure switch without manual override, with 1NC/1NO switching contacts [contact rating 5A - 220÷230V], with pneumatic indicator and switching pressure 1.4 ± 0.5 bar.
- **DL 8115EP12** with:
  - ◆ 1 precision proportional pressure regulator with display and buttons for entering the various parameters, with the following features:
    - Power supply: 24Vdc,
    - Input signals: 0÷5V/0÷10V/4÷20mA,
    - Digital output signals: NPN/24V-60mA, PNP/24V-60mA,
    - Analog output signal: 0÷10V,
    - Max. inlet pressure: 11 bar,
    - Pressure regulation range: from 0.05 to 10 bar,
    - The pressure value and a series of information and diagnostics are visible at all times on the graphic display.

## TRAINING PROGRAM

With these further three modules, the students can enhance their experience in this field performing complex applications.

The course of this advanced configuration includes:

- The electronic (digital) pressure switch in electro-pneumatic systems,
- The electronic proportional valve (EPV) for pressure control in electro-pneumatic systems.

Supplied complete with detailed practical manual.

For the accessories supplied or suggested, please refer to catalogue **DL 8115EPB**.