

ELECTRO-OIL-HYDRAULICS PRACTICAL SYSTEM

Mod. KMEO/EV

The electro-oil-hydraulics practical system has been designed to implement complete courses on electro-oil-hydraulics automation.

This system is only supplied to complete the oil-hydraulics practical system for the students mod. KMO/EV and uses of the hydraulics power supply, the actuators, the valves.

TRAINING PROGRAM:

The program suggests different exercises among which:

- Manual controls
- Semi-automatic controls
- Automatic controls
- Emergency controls
- "L" cycle with two solenoid valves
- Square cycle with one solenoid valve
- Actuator operation at different speeds

TECHNICAL SPECIFICATIONS:

The system consists of the following elements which include real industrial components:

- 4/2 single solenoid valve
- 4/3 double-solenoid valve
- 5 electromechanical limit switches
- Low voltage electric control board with:
 - power supply: 24 Vdc, 2A;
 - spare fuses
 - 4 quick acting couplings for limit switches (1 NO contact + 1 NC contact)
 - 4 quick acting couplings for solenoid valve supply
 - 2 pushbuttons (1 NO + 1 NC)
 - 1 self-blocking emergency pushbutton (1 NO + 1 NC);
 - 2 relays (2 NO + 2 NC)
 - 30 electrical cables

Dimensions: 40 x 40 x 45 cm

Weight: 11 kg



OPTIONAL

- Interface board mod. C2-IO/EV
- Design, simulation and animation software for the study of electro-pneumatics & electro oil-hydraulics mod. SW-FLU/EV

SUPPLIED WITH
THEORETICAL-EXPERIMENTAL HANDBOOK
WITH INTRODUCTION TO THE EXERCISES
INSTALLATION, USE AND MAINTENANCE
HANDBOOK

