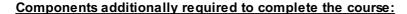Item No.: SO4204-8R

Course - Mechatronics 7: Handling sub-system

Includes:

- 1 Experiment card featuring CPU with PLC functionality and PROFIBUS-DP master interface, 8 digital inputs (4 using 2-mm sockets) with simulation switches and status LEDs, 8 digital outputs with status LEDs using 2-mm sockets, 8 analog inputs with 10-bit resolution, 4 analog outputs, potentiometer for simulating analog inputs, selectable level for digital signals 5/24V DC, 0- 10V for analog signals, port for external PROFIBUS equipment

- Profibus cable 1,5m

- CD-ROM with Labsoft browser, programming and course software

Components additionally required to complete the course:

IMS7 Sorting

Course contents:

- Assembly, configuration and testing of pneumatic cylinders and valves

- Vacuum generation and vacuum suction device with sensors

- Definition of a processing sequence for simple sorting of a workpiece

- Configuration and control of a pneumatic handling unit

- Programming a sorting sequence in manual and automatic modes

- Course duration: 4 h approx.