

Item No.: SO4204-8K

Course - Mechatronics 1.2: Transfer system with DC drive

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:

IMS1.2 DC transfer system (conveyor belt)

Course contents:

- Assembly, calibration and testing of mechanical components
- Speed and direction control with a DC drive motor
- Automatic sequence control using PLC
- Initiating a movement in inching mode
- Automatic transport of a pallet with holding time
- Programming movement sequences with end-limit switches
- Slip monitoring
- Course duration: 5 h approx.