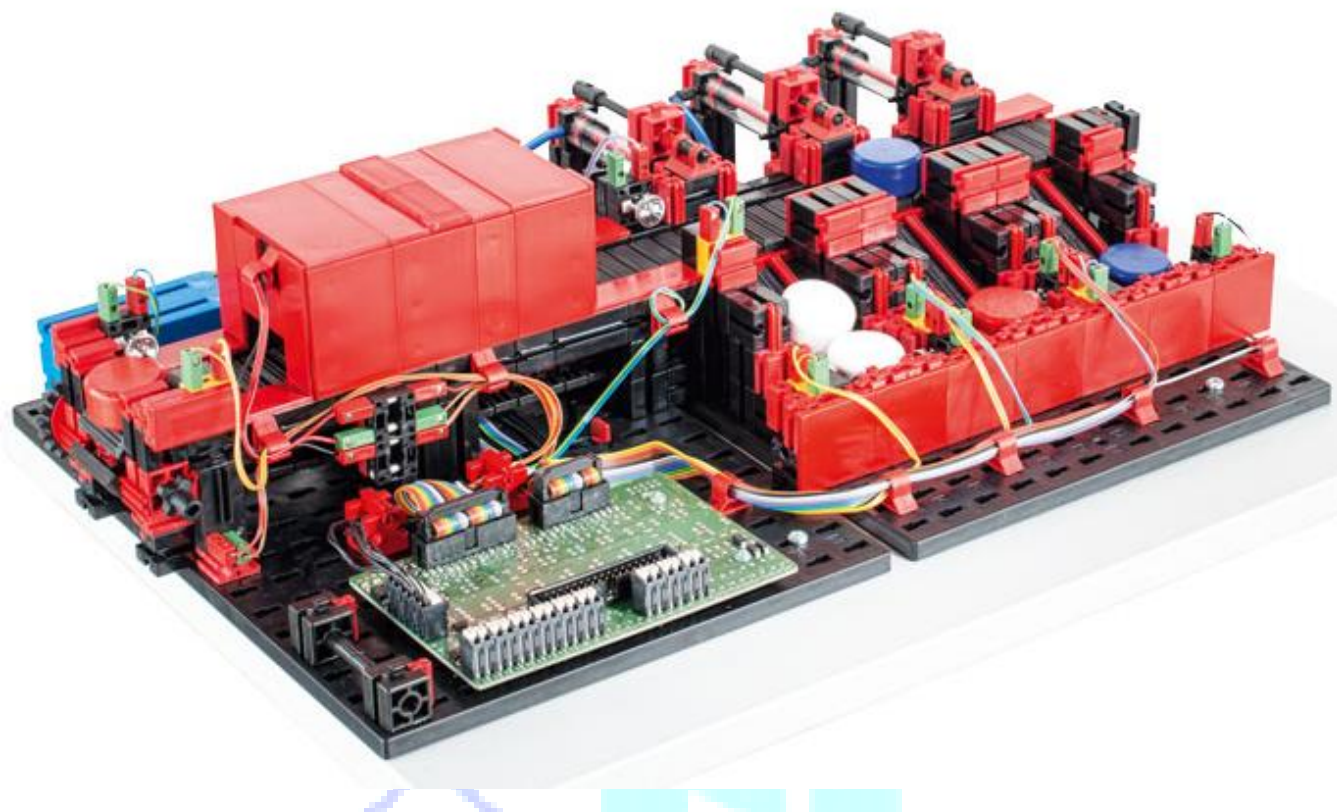


Sorting Line with Color Detection 24V (Recognition and Sorting of the Different Workpieces)



Detects workpieces of different colors and sorts them via a conveyor belt into the provided storage unit.

Connection to PLC control: The model has a circuit board with relays for reversing the direction of rotation of the motors. All inputs and outputs can be connected to a jack plug (26-pin, 2.54 mm pitch) or to series terminals with push-in terminals.

Specification:

- Ideal training, simulation and demonstration model for training and industrial automation
- Already completed, stable training model
- Mounted on a solid wooden plate, model packaged in a sturdy cardboard box
- Optionally available in the 9V standard voltage as well as in the worldwide 24V industrial standard
- **CAUTION:** absolutely necessary for operation is a PLC control 24V

Technical details:

- Current consumption: $I = \text{ca. } 1,1\text{A}$
- Inputs digital: 6
- Inputs analog 0-10V DC: 1
- Outputs 24V: 5

In the training model included:

- 2x Mini motor (DC motor)
- 5x Phototransistor
- 5x LED light barrier
- 3x Solenoid valve
- Air Compressor
- Optical color sensor

Technical Data:

- Size of Packaging – 50.2 cm x 34.2 cm x 30.2 cm
- Weight – 4290 g
- System Prerequisites of Software – PLC Control (24V dc inputs/outputs)
- Power Supply System – 24V dc