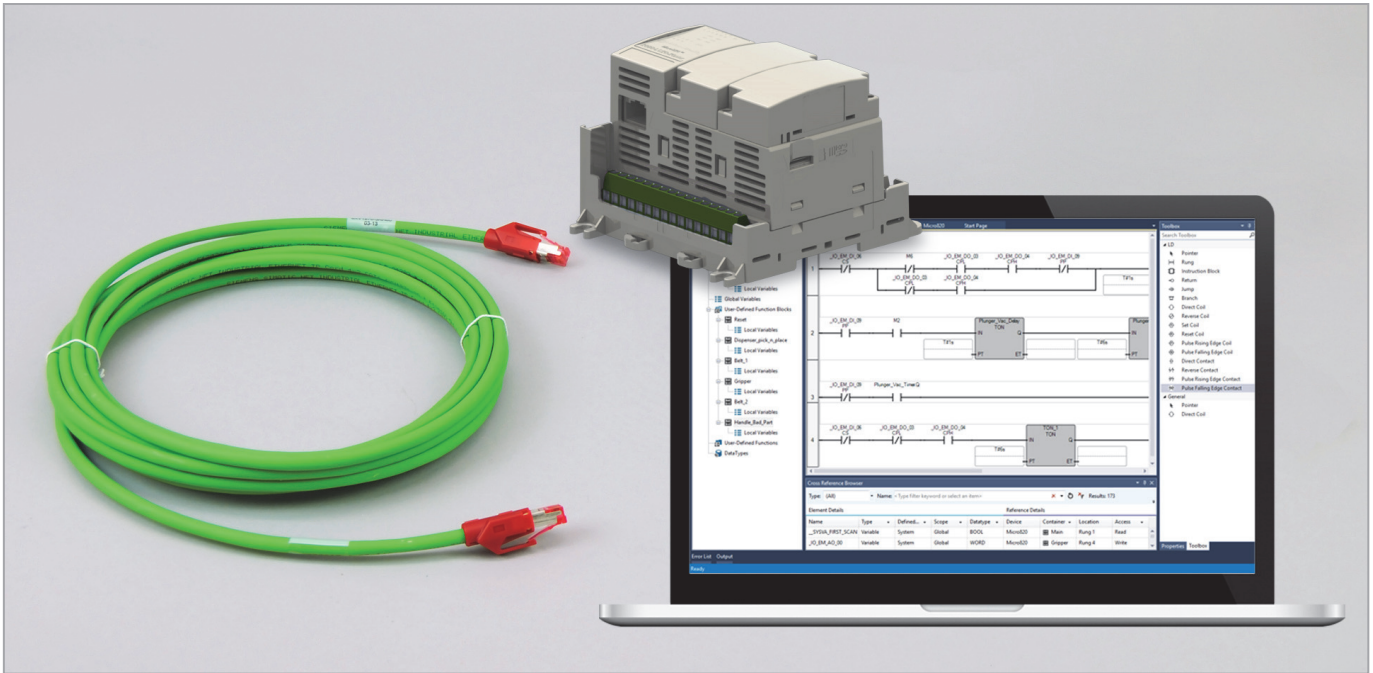


# LJ Create –Product Information Sheet

## Allen Bradley Micro820 + Software Pack



This pack includes an Allen Bradley Micro820 PLC controller and Ethernet connecting cable. The PLC is programmed using the Allen Bradley Connected Components Workbench.

Students explore the construction and function of programmable logic controllers and then work through a series of design challenges to develop their ladder logic programming skills.

These skills are then expanded further and applied in practical tasks carried out using an industrial standard Allen Bradley Micro820 PLC and programming software.

This PLC pack can be used in conjunction with:

- 290-01 Industrial Control Trainer
- 291-01 PLC Trainer
- 292-01 PETRA Advanced Industrial Control Trainer

### Topic Areas Include:

- Exploring the Allen Bradley Connected Components Workbench (CCW)
- Connecting to a remote Allen Bradley PLC using CCW
- Creating projects and developing ladder logic programs using CCW
- Uploading and running control programs on a remote Allen Bradley PLC
- Debugging programs on a remote Allen Bradley PLC, including monitoring and 'locking' relays
- Using an Allen Bradley PLC to perform advanced control tasks
- Using counters, timers and flip-flop latches
- Using analog inputs and outputs in ladder logic programs
- Creating a program that automatically sorts parts
- Troubleshooting an industrial control system

### Items Included:

- 1 x Allen Bradley Micro820 PLC
- 1 x Ethernet communication lead

### Other Requirements:

- Windows computer
- Industrial Control Trainer (290-01), PLC Trainer (291-01), or PETRA Advanced Industrial Control Trainer (292-01)
- Allen Bradley Connected Components Workbench (Free Download)

### General Information:

Dimensions: 350 x 270 x 90 mm (W, D, H)

Supply Voltage: 50-60Hz 110-240V AC

Packed Volume: Approx. 0.01 m<sup>3</sup>

Packed Weight: Approx. 1.31 kg

**Order Code: 290-02/AB**

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