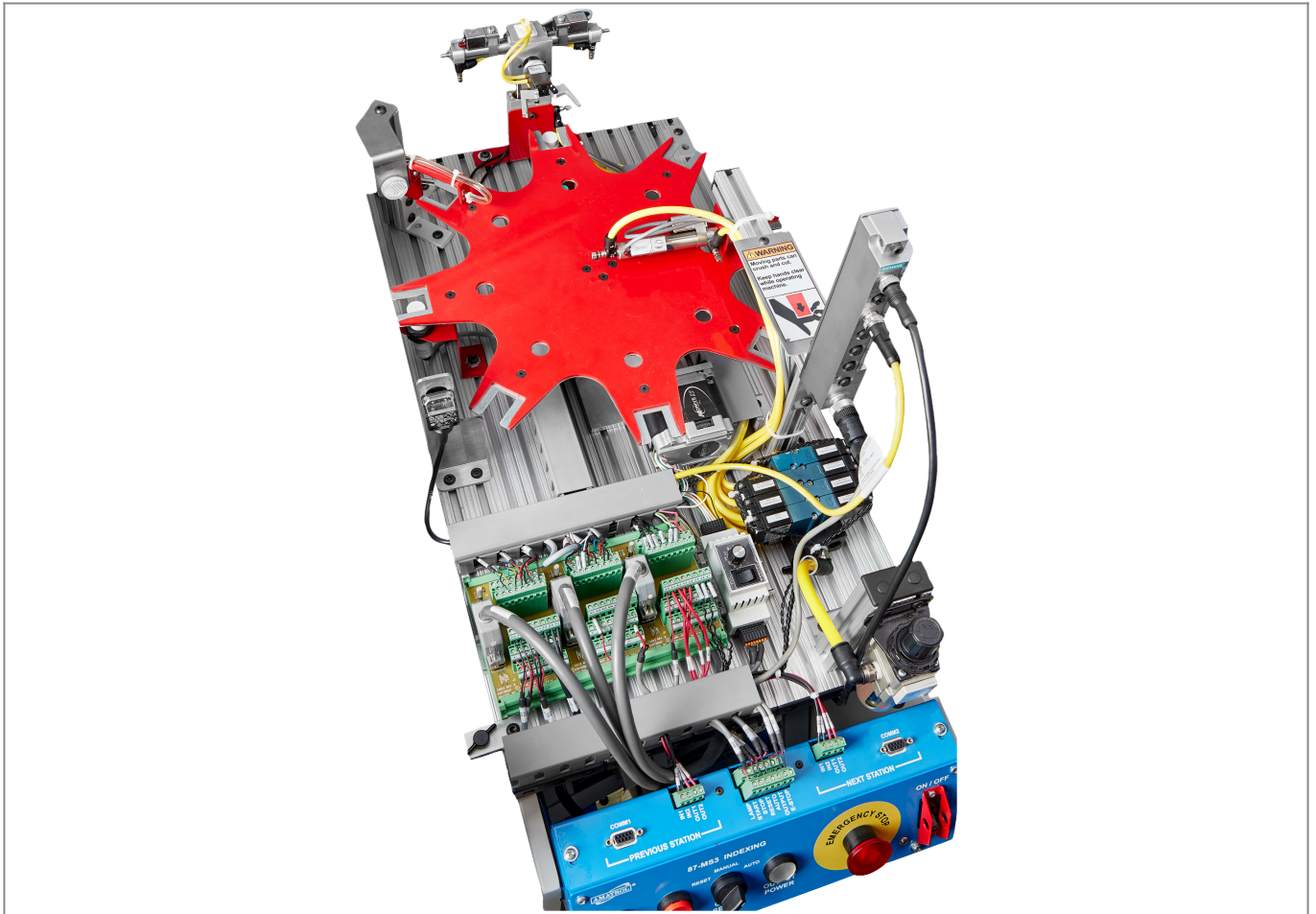


# Smart Factory Photoeye Sensor 3 | Siemens S7-1500 Learning System



## Smart Factory Sensor Learning System: 87-SN3S715

This system teaches communications between a smart photoelectric sensor and other connected automated devices in a [Smart Factory](#) environment.

Amatrol's [Smart Factory](#) training systems feature real-world equipment learners will encounter on the job, including smart pressure sensors. The systems combine hands-on skills practice with in-depth multimedia curriculum for a well-rounded learning experience that will prepare learners to make an immediate impact in the technologically-advanced Smart Factory environments of the present and future.

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### **Teach Hands-On Skills**

#### **Practice on Real-World Equipment Using Smart Factory Components**

Amatrol's Smart Factory photoeye sensor training systems teach learners essential skills using industrial-quality equipment they will use in the technologically-advanced workplaces of the future. For example, learners will gain valuable hands-on experience with photoelectric smart sensor and communications I/O modules. Using this real-world equipment, learners will practice specific skills, such as designing and operating a Smart Factory PLC project that uses a smart photoelectric sensor to help identify, orient, and process parts.

#### **Learn Industry-Applicable Photoeye Sensor Skills**

With Amatrol's comprehensive curriculum, students cover essential photoeye sensor skills. For example, learners will study the operation of a smart pressure sensor in a PLC project. Additional skills include designing and

operating a Smart Factory PLC project that uses a smart photoelectric sensor.

## Multimedia

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### Engaging, Highly-Interactive Multimedia

Amatrol's curriculum features a highly-interactive, multimedia format that includes stunning 3D graphics and videos, voiceovers of all text, and interactive quizzes and exercises designed to appeal to learners with different learning styles. The combination of theoretical knowledge and hands-on skills solidifies understanding and creates a strong basis for pursuing more advanced skills.

## Additional Info

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### • Additional Requirements

- Amatrol Smart Factory Start-Up Services (90-START4.2)
- Computer: See Requirements
- One (1) Mechatronics Learning System ([870-AB53A](#) or [870-S715](#))
- One (1) Mechatronics Orientation-Processing Station ([87-MS3](#))

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#### **Address**

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