

# Tabletop Smart Factory RFID/Sensors | eLearning Multimedia

**Smart Pressure Sensors - W25155-AA03UEN-E1**


Objective 1: Describe the Function of a Smart Sensor

**Smart Sensors Benefits**

Smart sensors ensure better **accuracy** by processing and digitizing signals and then transmitting them as data. The data transmitted through a network is also checked, which further ensures accuracy.

Smart sensors provide a number of benefits over standard sensors. Some of the most notable include:

- ✓ Self-Diagnostics
- ✓ Simplified Wiring
- ✓ Self-Calibration
- ✓ Programmable



You have completed this page. You may now continue on through the curriculum.

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## eLearning Course: M25155

Amatrol's Tabletop Smart Factory RFID/Sensors Learning System, AB L16 (M25155) is an integral part of the Tabletop Smart Factory training line and is used to teach about RFID operation and programming, smart pressure sensors, and smart photoelectric sensors.

Learners will cover topics like: factors that affect RFID system operation; how to configure an IO-Link Master in a PLC project; the operation of PLC comparison instruction; the operation of a smart pressure sensor in a PLC project; and how to configure a smart photoelectric sensor in a PLC project.

## Interactive eLearning

### Interactive World-Class eLearning Multimedia

Amatrol's peerless [interactive multimedia curriculum](#) utilizes text with voiceovers, pictures, videos, stunning 3D animations, and interactive quizzes and reviews that engage learners in theoretical knowledge and concepts. This thorough, detailed curriculum begins with the basics and advances to complex concepts. Through partnerships with key industry leaders and leading educators, Amatrol developed the right balance of knowledge to train learners to work in their chosen field.

## Additional Info

### Requires:

- Computer ([see Computer Requirements](#))

### Options:

- [Tabletop Smart Factory RFID/Sensors Learning System, AB L16 \(87-TMS5AB1\)](#)

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