



DiTwin – Digital Twin for VET school

DiTwin Modules

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Project website: <https://www.ditwin.eu/>

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Module - Automation technician for Industry 4.0

Lesson 2 - Fundamentals of mechatronics, electrical engineering and electronics

Setup 3

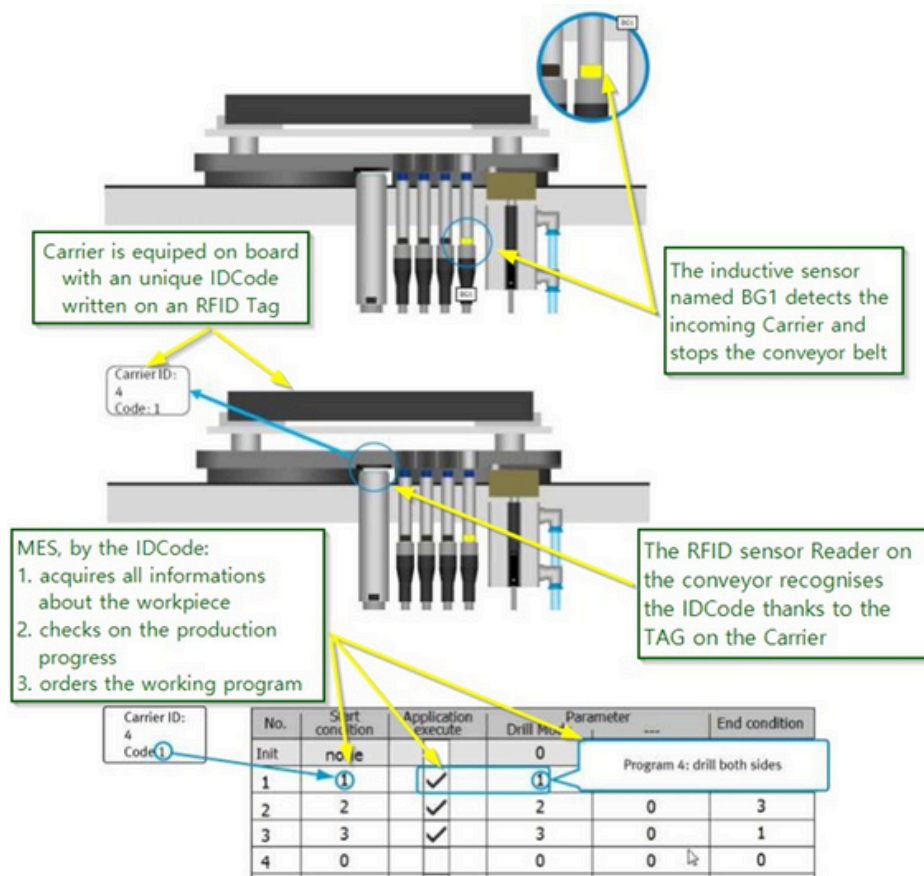


Figure 3.3 Carrier

Requirements

Basic knowledge of mechatronics and electronics

Learning Outcomes acquired

K4.4 To be aware of fundamentals of electrical engineering and electronics

Duration of the lesson

4 hours

Activities and steps to be implemented

Students will be asked to observe and interact with a simulated automated system for industry 4.0, managing some simple operations with the sensors and connections, control systems and electric actuators.

In this activity, participants will interact through the Factory's Digital Twin with a process motion sensor, they will be able to define waiting times, restart events, and observe every single movement of the carrier

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