

Building a product classification system model by weight using PLC Fx3U and monitoring control with C#

Huynh Cong Vinh

Abstract: This topic focuses on building an automatic classification system based on the usage volume of the PLC Fx3U device, aiming to improve product management efficiency in production lines. The objective is to develop an intelligent classification model, applying PLC technology and the C# programming language for monitoring and automation control. The research method includes building the system based on a combination of PLC theory with programming experimentation and application deployment. The expected results of this topic will provide a practical solution, contributing to increased productivity and reduced costs in the production process.

Keywords: PLC Fx3U, automatic sorting, C#, product management, automation system