

Building a control and monitoring system for product classification by height using PLC Fx3U via C# interface

Nguyen Van Thai

Abstract: In the context of increasingly complex warehouse management, this topic focuses on building a completely new automation system. The main objective is to solve the problem of classifying products by height quickly and accurately using the PLC Fx3U combined with a C# interface. Through theoretical and experimental research, this system not only optimizes the warehouse processing workflow but also enhances overall management efficiency. The expected result is a flexible and feasible solution to meet modern demands in the manufacturing and distribution industry.

Keywords: PLC Fx3U, automatic control system, C# interface, product classification