

Control the "Product counting and classification" model using PLC S7-300 and WinCC software.

Hoang Quoc Kien

Abstract: In the modern context, automating the process of counting and classifying products plays an important role in production systems. This topic focuses on building and deploying a control system using a PLC S7-300 combined with WinCC software to solve the problem of product counting and classification. Through theoretical and experimental research, the topic provides an effective solution for businesses to improve productivity and reduce errors in the production process. The expected result is that the application of this system will contribute to enhancing product management and quality control capabilities.

Keywords: PLC S7-300, WinCC, production automation, product counting and sorting, industrial control