

Design of product sorting process by height using PLC Fx3U

Pham Thi Thuong

Abstract: This topic focuses on designing an automatic classification process for products based on height using the PLC Fx3U control system. The research context is driven by the practical need to improve the efficiency and accuracy of the classification process. The objective of the topic is to build and implement an automatic classification system, contributing to increased productivity and reduced errors in production. The research method combines control theory with experimentation to ensure the effectiveness and feasibility of the solution. The significance of the topic lies in providing a specific applied solution for the industry, while also contributing to the development of PLC technology.

Keywords: PLC Fx3U, automatic sorting process, control system