

Design of a product sorting system by height using PLC S7-1200

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Abstract: In the necessary context of optimizing warehouse management and improving efficiency in the manufacturing industry, this topic focuses on designing and implementing a product sorting system based on height using the PLC S7-1200. The objective is to build an automation solution that can enhance productivity and reduce operational costs. The research methodology includes experimentation and application deployment to verify the effectiveness of the designed system. The expected results contribute to the Industry 4.0 process through the application of advanced PLC technology for automation handling in warehouse management.

Keywords: PLC S7-1200, product classification, warehouse automation