

Automatización de línea de producción de inserción de pines con robot cartesiano

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Abstract

This work was carried out at the Universidad Popular Autónoma del Estado de Puebla in collaboration with the company SCA, it will be in charge of theoretically studying the concepts related to robotics for the control of articulated axes. The purpose of the project is to be able to increase production and eliminate the error when inserting the screws at the required point, this will be done through a Cartesian robot which will be mounted on a fixture device which will have inductive sensors and security elements. so as not to affect human integrity.

Keywords

Cartesian robot, sensors, fixture, robotics, articulated axes