

Paint production: Decentralised paint flow automation

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Customer information

The company Pinturas Tajamar S.A. in Chile produces solvent free paints for inside- and outside walls. For the automation of ball valves Pinturas Tajamar S.A. focuses on quarter turn actuator Copar and CPV valve terminal of Festo.

Task

- Control of 2- and 3-way ball valves for mixing, metering and closing of the paints
- Control of all automated ball valves with decentral valve terminals
- Connection of the automation concept to the existent DeviceNet fieldbus system

Solution

- Installation of 155 stainless steel ball valves VAPB with Copar quarter turn actuators type DRD
- Control of all quarter turn actuators by 26 CPV terminal valves with DeviceNet connection
- Economical due to existing fieldbus systems
- Reduced wiring- and piping costs due to installation of terminal valves into 22 decentral mounted stainless steel control cabinet
- Offer from valve terminal to fitting from one-stop-shop



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