

# Partner to the biotech/pharmaceutical industries – Drug Production

# FESTO

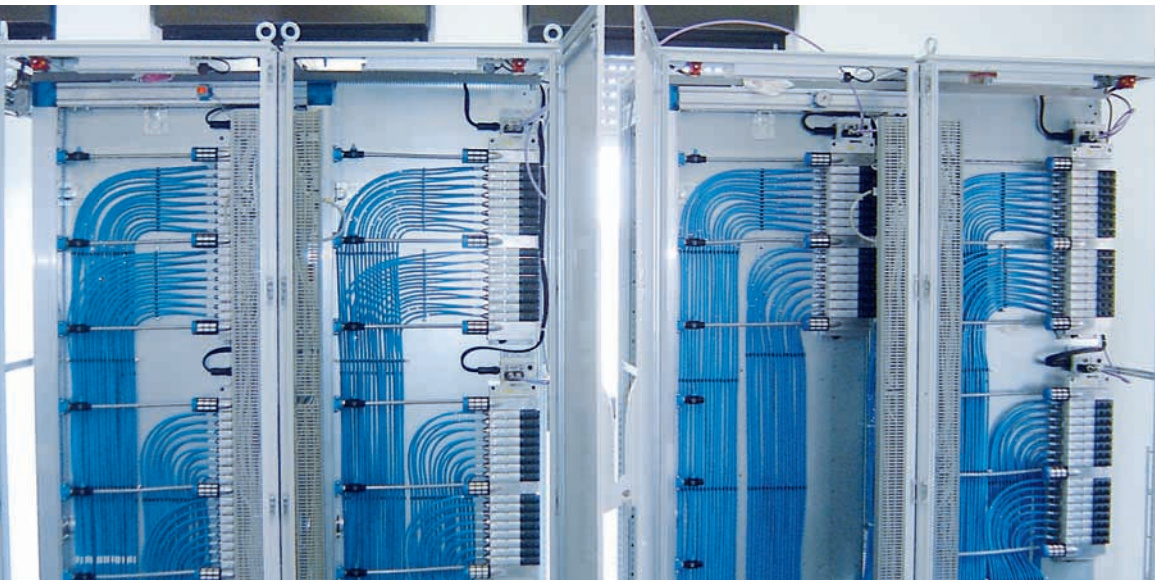
Biotech/Pharma

Cosmetics

Nutrition

Homecare

Crop Sciences



## Farmabios S.p.A.

Focused on the production of active pharmaceutical ingredients  
Manufacturing activities include:

- An automated plant for the production of steroids
- A plant for sterile steroids obtained by sterile filtration and successive crystallisation and micronisation
- A plant for oral antibiotics using reactors
- A plant for sterile crystallised antibiotics
- A plant for highly potent drugs

Development of new syntheses is performed on a pilot scale. This activity is also dedicated to the development of Custom syntheses in cooperation with leading international pharmaceutical companies.

## Automazioni e Sistemi S.r.l.

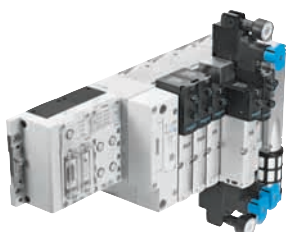
The company, which is active in industrial automation, offers complete integrated hardware/software solutions for the control and monitoring of production processes in industrial areas such as chemical, pharmaceutical, petrochemical and the food industry.

## Task

Control of process valves in the new aseptic facility for the production of sterile micronised steroids by aseptic crystallisation.

## Solution

4 cabinets with 10 CPX Profibus-DP nodes + 320 VTSA solenoid valves and 100 pressure switches.



Terminal CPX + VTSA-valves



Pressure switch SDE-5

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