



## VALVE MATRIXES

### DESIGN

The FH SCANDINOX valve matrixes are the optimal state-of-the-art solution for the liquid media flow in fully-automatic dairy and food processing plants. Manifold flow can thus be carried out in a clearly arranged form in a relatively small space. Our valve matrixes are individually developed by our experienced engineering team, suitable for the respective processes and meet the customers' exact requirements.

The matrix design is an automated alternative to the flexible hoses and the flow divert splitters with changeover bends. In many of our installations worldwide, we make use of mix proof valves. The valve matrixes apply to various lines and allow cleaning of one tank while the other one is being filled or emptied preventing any risk of product contamination. The control can be made either via a pneumatic actuator with position indicators or with a control head over a bus system. The control heads provide additional safety to your overall process control system. The automation of the process and operation results in food safety, flexibility, economic benefit and will definitely pay off its costs very fast.

### INSTALLATION

The FH SCANDINOX valve matrixes can be fully pre-manufactured and tested in our workshop prior to delivery. Built on a stainless steel frame, with belonging valves and instrumentation, including a drip tray - electrical and pneumatically wired up to a stainless steel connection panel. This will give a huge benefit when assembling on site, due to very easy on-site installation and also fast pipe connection to the existing pipe installation. All parts in contact with product are made from stainless steel AISI 316L.

### WELDING PROCEDURE

The FH SCANDINOX welding procedure is according to the FORCE Technology stainless steel purity and quality standards, and we do Orbital Welding wherever possible.

### APPLICATION

The FH SCANDINOX valve matrix solutions have applications in the complete dairy, ice cream, margarine, food, and beverage industries.

