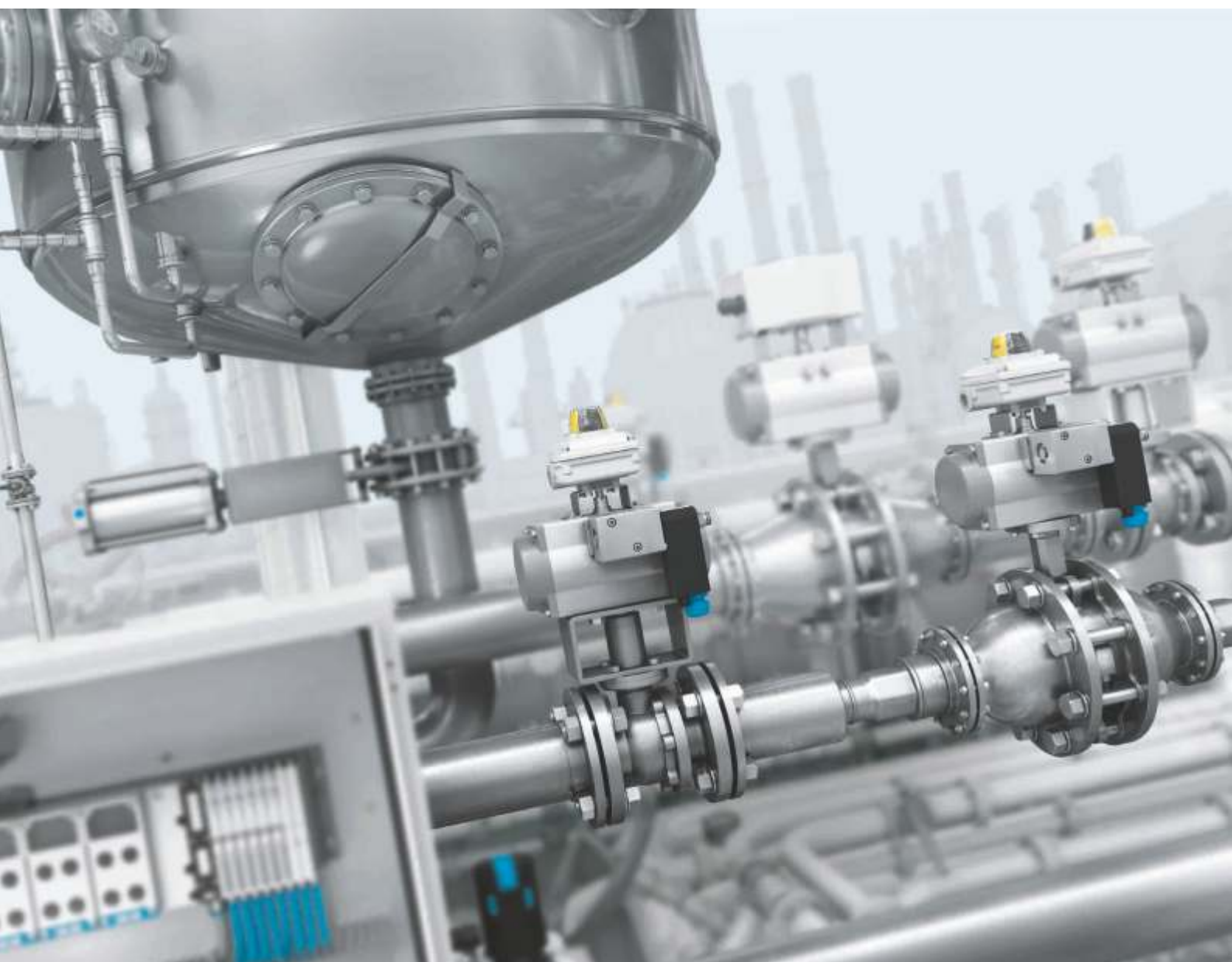


Automation for the requirements in the process industry

FESTO



Products and solutions for Process Automation



→ www.festo.com/pa

Products and components overview

Operation Level										
	Displays (4 ... 13") CDPX-X-A	Displays (4 ... 21") CDPX-X								
Controller										
	Codesys Controllers for the modular CPX	Codesys Controllers for the modular CPX-E	Codesys Controllers CECC with integrated I/O							
Control Level	Remote I/O									
		Modular electric terminals CPX	CPX-E	CPX-P	Remote I/O-Systems CPX-AP-A	Remote I/O-Systems, decentralized CPX-AP-I				
Valve terminals										
	Classic CPV	CPV-EX-I	Universal VTUG	VTUG-EX	MPA, MPA-F	VTUX-A-P...	Standards based VTSA, VTSA-F			
Sensors										
	Limit switch box SRBC	SRBE	SRBK	SRBI	Positioner CMSX	CMSH	Proximity switch SME, SMT	Pressure sensors SPAW		
Field Level	Solenoid valves									
		Pilot valves (Namur) VSNCG18	VSNCG14	VOFD	VOFC	Pilot valves VOFX	MFH	VUVS	Directional control valves VUVG	
Actuators										
	Quarter turn actuators DFPD	DFPD-C	DAPS	DAPS	Quarter turn actuators with hand-wheel DAPS-MW		Linear actuators DFPC	Controlled linear ISO actuators DFPI-NB3		
Process and media valves										
	Ball valves for standard and hygienic applications VZBE	QH	VZBD	VZBF	Butterfly valves VZAV	VZAF	Gate valves VZKA	Solenoid actuated media valves VZWD VZWM VZWF		
Accessories										
	Mounting kits for actuators and process valves	Stainless steel filter regulators PCRPF	Service units and air preparation		Air dryers PDAD	Compressed air reservoir CRVZS				

Customized solutions, assemblies and products

Automation concepts and integration

Displays with integrated Codesys Controller

Displays with integrated I/O modules **CDPX-EA-V1**

Modular electric terminals **CPX-E** and valve terminals **VTUG** optimized for cabinet installation

Modular valve terminals **CPX/VTSA**

Modular valve terminals **CPX/MPA**

Motion Terminal **VTEM**

Application specific **MPAC**

Flow sensors **SFAB**

Flow sensors **SFAW**

Proportional valves **VPPE**

Proportional valves **VPPM**

Heavy-duty quarter turn actuators **DFPD-HD**

Angle seat valves **VZXF**

Angle seat valves **VZXA**

Angle seat valves **VZXA-B**

Pinch valves **VZQA (NO)**

Pinch valves **VZQA (NC)**

Pressure booster **DPA**

Push-in fittings and flow control valves

Tubings

Customized electrical and pneumatic solutions also for explosive areas

Standardized and modular design concepts for control cabinets

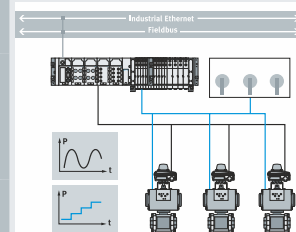
Customized ball valve units for standard, hygienic or hazardous applications

Automation solutions for linear and rotary actuated process valves (On, off or proportional controlled)

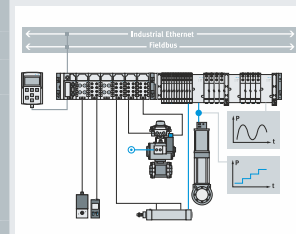
Customized product developments for individual customers processes and applications

Online configurators for customized valve assemblies **KVZA, KVZB, KDFF**

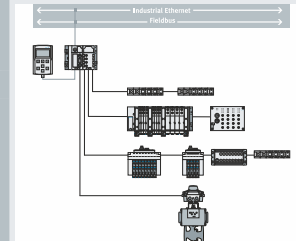
Customer specific solutions (Automated and manual pneumatic)



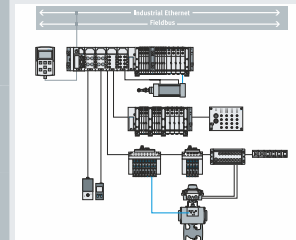
Centralized installation



Decentralized installation



Hybrid installation (Centralized and decentralized)



PA-Toolkit (Engineering Software)



Automation components for fluid control



Quarter turn actuator DFPD



Standard rotation angles of 90° or 180°. High corrosion resistance through optional epoxy coating. Available as a high-temperature or low-temperature version.

Angle seat valves VZXA and VZXF



Sturdy stainless steel or brass angle seat valves in nominal widths up to DN50. The VZXF for standard applications or the VZXA as a modular design.

NAMUR valve VSNC / VOFC / VOFD



Festo NAMUR valves like the VSNC for standard applications. Single or double solenoid, with standard coil or with intrinsically safe explosion-proof design.

Pinch valve VZQA



The 2/2-way normally open or normally closed pinch valve VZQA in nominal widths up to DN25 is suitable for proportioning or filling even highly viscous media.

Sensor boxes SRBC/SRBE/SRBG/SRBK



The right sensor box for the area of application. Weatherproof, cost-optimised and for potentially explosive areas.

2/2-way media valves (solenoid actuated)



VZWD, VZWM, VZWP, VZWF – solenoid media valves for the use of neutral, pure media. Pilot, servo or directly actuated.

Positioner CMSX / CMSH



Electro-pneumatic positioner for proportional closed-loop control of flow rates at process valves. For double- or single-acting actuators.

Process valve assemblies



Selection of ball valves and butterfly valves for a wide variety of applications. Also available as pre-assembled units.

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