



Stübbe[®]
Partner for Solutions



VALVES INSTRUMENTATION



PRODUCT OVERVIEW

SETTING STANDARDS OF PERFECTION AND RELIABILITY

ASV Stübbe is an international manufacturer of pumps, valves, instrumentation and control systems made of thermoplastics.

▶ **Products for demanding tasks in many fields of industry**



As a system supplier we offer a wide range of high-quality solutions for the handling aggressive, corrosive and water polluting substances.

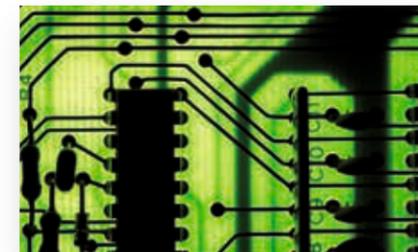
With over 50 years of experience in the field we have a solid foundation of expert know-how for the design of pumps and piping systems where resistance to chemicals must be taken into account.

The benchmark of our success is customers' satisfaction. Our main aim is to provide economic solutions combined with a maximum of safety and reliability.



Environmental technology

- Sea water desalination
- Wastewater treatment
- Exhaust air scrubbers
- Biogas treatment
- Ultra-pure water
- Process water
- Manufacturing of bio fuels
- ...



Surface technology

- PCB manufacture
- Solar cell manufacturing
- Electroplating
- Glass finishing
- Coating lines
- ...



Chemical industry

- Chemical plant manufacturing
- Acid production
- Fertilizer production
- Chlor-alkali electrolysis
- ...



Metallurgy

- Ore extraction
- Copper electrolysis
- Acid regeneration
- Nickel electrolysis
- Steel pickling
- ...

PRODUCT RANGE



Pumps

ASV Stübbe produces pumps for the safe transport of aggressive and corrosive liquids of up to 1,100 m³/h. Our range includes horizontal as well as vertical pumps from highly corrosion and wear resistant materials.



Valves

Our wide range of valves offers solutions for almost any application. Next to our extensive standard range also customised solutions can be realised for your specific process requirements.



Instrumentation

Our systems for filling level, pressure and flow control are of robust design and suitable for fast and efficient systems integration. We manufacture corrosion resistant instrumentation technology for tank and plant builders.

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Valves

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Instrumentation

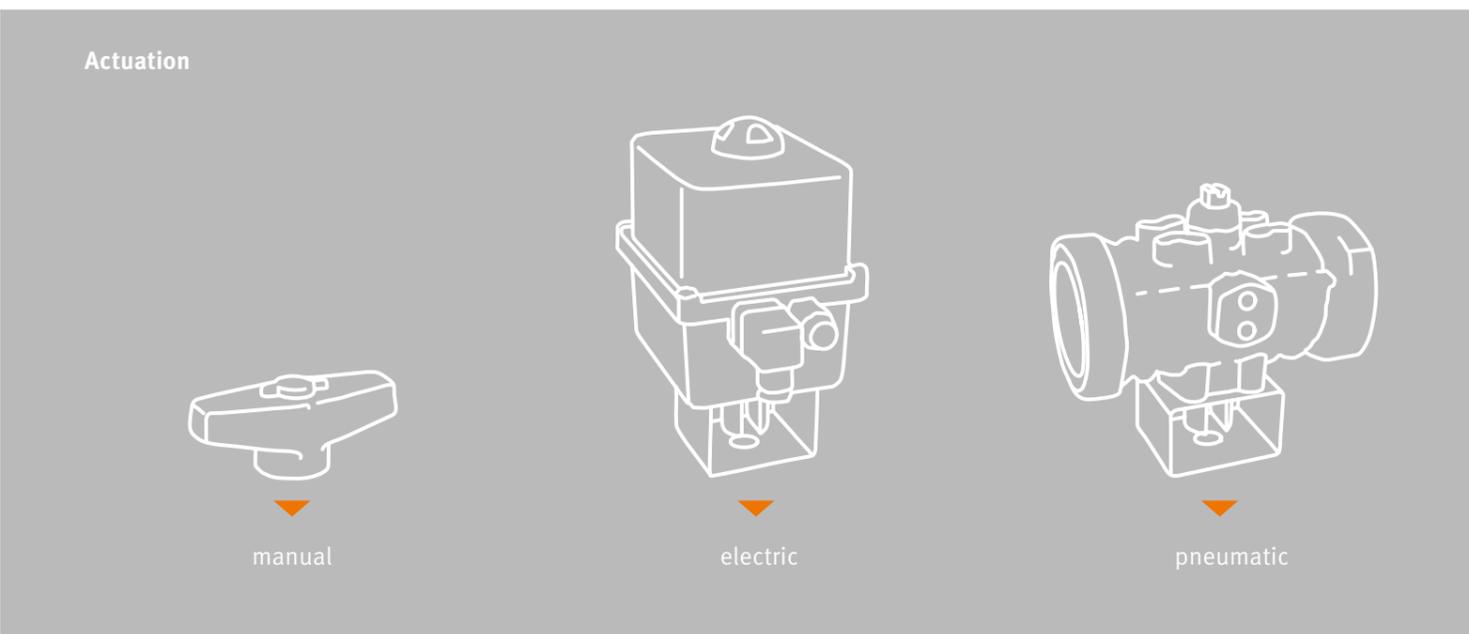
Flow control	30
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BALL VALVES.

Type ASV	C 200	C 110	C 10	C 16
Size	DN 10 – DN 50	DN 65 – DN 150	DN 15 – DN 50	DN 50 – DN 150
Material	PVC-U, PP, PVDF	PVC-U, PP, PVDF	PVC-U, PP	PVC-U
Sealing element	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM
Actuation	manual, electric, pneumatic	manual, electric, pneumatic	manual, electric, pneumatic	manual, electric, pneumatic
Features	Industrial valve with a wide range of variants	Industrial valve with a wide range of variants	No-clearance special valve	No-clearance special valve

Actuation



manual electric pneumatic



The range of easily assembled actuators for ball valves and butterfly valves includes everything from simple turn actuators to integrated solutions with ASi Bus control or ATEX requirements.

The reliable electrical standard actuator comes with two adjustable end switches and an integrated manual override and can be upgraded with a host of additional options.

The sturdy pneumatic standard actuators are available with the control functions NC (normally closed), NO (normally open) and DA (double acting).

BALL VALVE C 200

Sizes DN 10 – DN 50



Ball valve C 200

A ball valve with a highly flexible modular system in the segment of high-quality industrial valves – this requirement was the starting point for development of our C 200 range. It has turned into a modern thermoplastic valve, which combines extreme mechanical sturdiness with excellent chemical resistance.

With important features such as the new "Mounting Kits" for easy integration of limit switches and actuators, the position securing lock "Safety Guard" integrated in the handle and the cast-on mounting base, the C200 supports our international customers in the successful implementation of their plant construction projects. The new ergonomic design of the C200 adheres to the design guideline "Form follows function".



Option: Proportional ball valve

The special geometry of the proportional ball valve makes the C 200 a control valve with linear flow characteristics.

The corresponding % scale allows quick, precise and reproducible settings of the desired flow rates. Combined with electric control actuators, the proportional ball valve quickly becomes an interesting and economical alternative for 8 diaphragm valves in fluid-free medium types.



BALL VALVE C 110

Sizes DN 65 – DN 150



Ball valve C110

The C110 sets standards in the category of large chemical ball valves with nominal diameters of up to DN150. The C110 is ideal for applications requiring an optimum passage and low flow losses. The two-piece, bolted body permanently guarantees high compression strength. Diverse connection options facilitate an ideal assembly.

The valve can be fitted directly between DIN flanges, making it extremely compact despite an ideal passage.



BALL VALVE C 10

Sizes DN 15 – DN 50



Ball valve C10

The C10 is a sturdy special ball valve used in a large number of industrial applications. The special production process minimises the clearance volume between the ball and body as much as possible.

The C10 is also suitable for applications which usually do not use ball valves due to crystallising medium types or a high cleaning standard. The ball valve is equipped with DIN 8063 union nuts and standard union ends.





BALL VALVE C 16

Sizes DN 50 – DN 150

PVC-U



Ball valve C16

The C16 is the tried and tested classic design of our special ball valves. It features an ultra low dead volume. The stainless steel stem allows high actuation torques.

Whether for sewage sludge filter presses in water treatment, vacuum systems for slaughterhouse waste or in the food industry - the C16 combines the chemical resistance of a thermoplastic valve with the mechanical strength of a stainless steel valve.



Special ball valve for applications with extremely high requirements

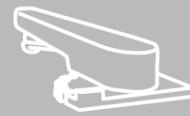
Features:

- ▶ No-clearance design with fully encapsulated PE ball.
- ▶ Optionally with high-molecular PE ball for extremely high mechanical resistance against abrasive wear.
- ▶ Fully enclosed stainless steel shaft in the pivot for transmission of maximum torques.
- ▶ PP steel flanges of electroplating quality.
- ▶ Extra long control handle, optionally lockable.

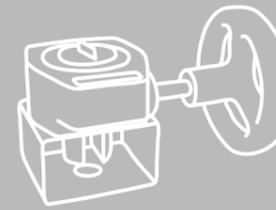
BUTTERFLY VALVES.

Type ASV	K 210	K 220
Size	DN 50 – DN 200	DN 250 – DN 400
Material		
Sealing element	EPDM, FPM	EPDM, FPM
Actuation	manual, electric, pneumatic	manual, electric, pneumatic
Features	Stirrup seal	Liner seal

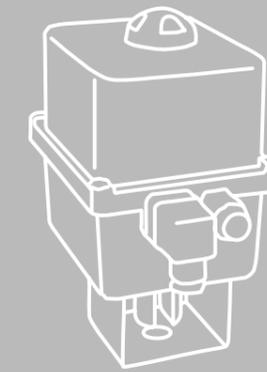
Actuation



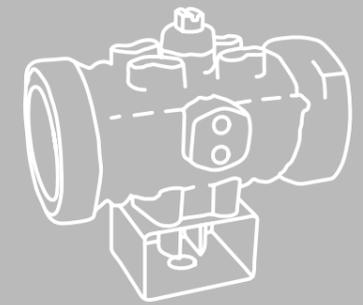
Hand lever with locking function



Gear box for transmitting large forces



electric



pneumatic

ASV butterfly valves are suitable for closing off and throttling medium flows in pipe diameters of up to DN400. The narrow but highly sturdy thermoplastic design and the high-quality sealing systems fulfil all requirements of chemical resistance and reliable mechanical systems. The soft sealing systems make flaps resistant to slight soiling and solid particles.

Stirrup seals on the shut-off discs for the K 210 (LH) and liner seals in the valve housing for the K 220 (RH)



BUTTERFLY VALVE K 210

Sizes DN 50 – DN 200



Butterfly valve K210

The butterfly valve K210 is sealed by a stirrup seal on the shut-off disc.

The stem is made of high-quality stainless steel is reliably protected against aggressive chemicals by a double O-ring seal.

Additional PVDF sleeves reduce the actuating torque of the centred flap to a minimum.



BUTTERFLY VALVE K 220

Sizes DN 250 – DN 400



Butterfly valve K220

The sturdy valve K 220 is used for closing off and throttling in large pipe diameters.

The liner seal is simultaneously a gasket.

The manual version of the flap is equipped with an adjustable gear box as a standard. With its high-quality PVDF shut-off disc the K 220 is available both with a PVDF body and a PP body.



DIAPHRAGM VALVES.

DIAPHRAGM VALVE MV 308

Sizes DN 12 – DN 15



Type ASV	MV 308	MV 309	MV 310
Size	DN 12 – DN 15	DN 15 – DN 32	DN 15 – DN 100
Material			
Sealing element	EPDM, FPM	EPDM, FPM	EPDM, FPM
Actuation	pneumatic	pneumatic	manual, pneumatic
Features	Medium pressure up to 6 bar*	Medium pressure up to 6 bar*	Medium pressure up to 10 bar on both sides*

* with PTFE diaphragm

Quickly closing off a medium flow, simple control tasks or medium types with a high percentage of solid particles require the use of diaphragm valves. ASV Stübbe offers a well-established range of perfectly coordinated products.

The offered range contains anything from powerful solutions for medium pressure values of up to 10 bar to space-optimised valves for modular engineering applications.

All model ranges are available with high-quality EPDM, lined PTFE or FPM diaphragms.



Diaphragm valve MV 308

The MV 308 is ideal for use in distribution modules and for implementing switching functions in limited installation environments. The valve is equipped with a visual position indicator and is suitable for medium pressure up to 6 bar.

DIAPHRAGM VALVE MV 309

Sizes DN 15 – DN 32



Diaphragm valve MV 309

The main feature of the new MV 309 diaphragm valve is its slim and compact design. It is available with EPDM, FPM or PTFE-lined EPDM diaphragm options. The compact but still powerful actuator has been designed for fluid pressures of up to 6 bar and comes with an integrated NAMUR interface. The valve body is standard sized and therefore exchangeable with the MV 310.

DIAPHRAGM VALVE MV 310

Sizes DN 15 – DN 100



Diaphragm valve MV 310

In combination with the pneumatic actuators the MV 310 is a reliable and economic valve with many options.

The strong pneumatic lift actuator allows for reliable controlling of medium pressure up to 10 bar on both sides.



MONITORING VALVES.

STRAINER SF 305

Sizes DN 15 – DN 100

Type ASV	SF 305	SRV 303	RSK 500	KRV 400	BE 891
Size	DN 15 – DN 100	DN 15 – DN 100	DN 40 – DN 300	DN 10 – DN 50	DN 10 – DN 80
Material					
Sealing element	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM
Option	–	PP, PVDF incl. spring	FRSK 501 incl. spring	–	B 895 incl. spring
Function	Strainer	Angle seat check valve	Wafer check valve	Ball check valve	Aeration and vent valve



Strainer SF 305

Strainers protect sensitive components in the pipelines, e.g. pressure control valves or pumps from the risk of particle contamination. They are available with various mesh sizes and protect the installation from damage and down time.



SF 305

SRV 303

RSK 500

KRV 400

BE 891

MONITORING VALVES.

Sizes DN 10 – DN 300



Angle seat check valve SRV 303

The angle seat check valve SRV 303 in PVC-U can be installed horizontally and vertically without a spring due to its special design (always with a standing valve piston). The PP and PVDF designs are equipped with halar-coated springs.

Sizes DN 15 – DN 100



Wafer check valve RSK 500

The wafer check valve RSK is a robust, industry type design. The installation adaptors, needed of the mounting of the RSK in the pipeline, replaces the flange adaptors or stub flanges and allows a maximum opening angle of the wafer. The strong hinge design sets the industrial standard. The valve can be installed in horizontal lines, and is with an optional integrated spring also suitable for use in vertical lines.

Sizes DN 40 – DN 300



Ball check valve KRV 400

The ball check valve KRV 400 is a gravitation actuated valve for a designated flow direction. It reliably avoids back pressure even at lowest differential pressure.

Sizes DN 10 – DN 50



Aeration and vent valve BE 891

The aeration and vent valve BE 891 supports filling and draining processes in containers and tanks.

In the design equipped with a halar-coated spring, the valve B 895 is used purely as an aeration valve on the container. When the pressure in the tank is decreased the air can flow against the spring force into the system which is usually hermetically sealed.

Sizes DN 10 – DN 80

SOLENOID VALVES.

Sizes DN 10 – DN 50



Solenoid valve type 150

Solenoid valves are used in applications requiring fast, frequent switching. Type 150 is a directly controlled full-thermoplastic valve with a nominal diameter of up to DN 20. PTFE bellows are used to seal the plunger chamber.

Sizes DN 10 – DN 20



Solenoid valve type 160

Type 160 is a pilot operated full thermoplastic body valves which can ready short switching times in systems where no compressed air is available. The pilot unit of the valve is media isolated by means of a separating diaphragm. Because of its design the valve requires a minimum differential pressure of 0.3 bar for reliable operation.

Sizes DN 15 – DN 50



PIPES AND FITTINGS

Sizes d 16 – d 225



Pipes and fittings

Only the optimum interaction of all components can guarantee the overall performance of a system. To ensure this performance, ASV offers pipes and fittings of well-known quality manufacturers from one source.

Sizes
PVC-U d 16 – d 225
PP d 20 – d 225
PVDF d 20 – d 110



ACCESSORIES.

Sizes d 16 – d 400



Flange PP/steel

The PP/steel flange drilled according to DIN is subjected to a 30,000 Volt strength test in order to guarantee the hermetical seal of the PP coating, thus guaranteeing the best possible resistance to chemicals.

Sizes d 16 – d 400



Pipe clips

Sizes d 16 – d 32

Pipe clip banks

Sizes D 6 – d 28

Pipe clamps

sizes d 40 – d 160

Clips and clamps made from PE and PP material up to d 160 allow a fast and easy installation of tubing systems and pipeline components.



FLOW CONTROL.

Type ASV	OVM oval wheel volume meter	DFM 165 flow meter	DFM 170 flow meter	DFM 185 flow meter	DFM 200 flow meter	DFM 350 flow meter	ZE 3075 ZE 3000 flow data sensor	ZE 950 ZE 951 limit switch
Size	DN 25	DN 10	DN 15	DN 20	DN 25	DN 25 – DN 65	–	–
Material	PP	PVC-U, PVDF, PA, PSU	PP, ABS	PP, ABS				
Sealing element	EPDM	EPDM, FPM	–	–				
Measuring range (l/h)	120 – 3,600	3 – 250	5 – 400	15 – 1,000	25 – 1,500	60 – 50,000	DFM accessories	DFM accessories
Features	High accuracy (Measurement error 1%)	Float: PVDF or magnet	Only in combination with the option – flow meter with magnetic float -	Only in combination with the option – flow meter with magnetic float -				



FLOW METER DFM 165 – DFM 350

Sizes DN 10 – DN 65



Flow meter DFM 165 – DFM 350

ASV float flow meters are available for many flow ranges from 3 to 50,000 l/h. The tried and tested design is being used in many applications from water treatment to heavy chemical industry. Based on a special configuration software special scales for almost every liquid or gaseous fluid can be supplied.

All ASV float flow meters come with an integrated assembly mounting rail for the fitting of position indicators and can be supplied with corresponding magnetic floats. Next to the optical display the DFM can be used as part of more complex control systems.



For use with flow data sensors the flow meters are equipped with magnetic floats.



Transducer ZE 3075

The ZE 3075 consists of a chain of reed contacts controlled directly via the magnet in the float.

If the position of the float in the measuring pipe changes, this movement is registered by the switches of the ZE 3075 and transformed into a continuous 0/4..20mA signal.

The device is set once during commissioning and then continues to work absolutely maintenance-free.



Transducer ZE 3000

The ZE 3000 transmits a continuous 0/4..20mA signal. The signal output matches the height of the float in the measuring pipe.

The measuring principle of the ZE 3000 works through detection of the angle position of the magnet in relation to the sensor.

The ZE 3000 also registers measuring values outside of the sensor housing itself.



Limit reed switch ZE 950 | ZE 951

The ZE 950 is a monostable limit reed switch which is only closed when the float is at the height of the switch.

The bistable limit switch ZE 951 has two switching states. These are maintained until the magnet float passes the reed switch again and switches it back to its original state. The ZE 951 is available in the versions NO (normally open) and NC (normally closed).



OVAL WHEEL VOLUME METER OVM

Size DN 25

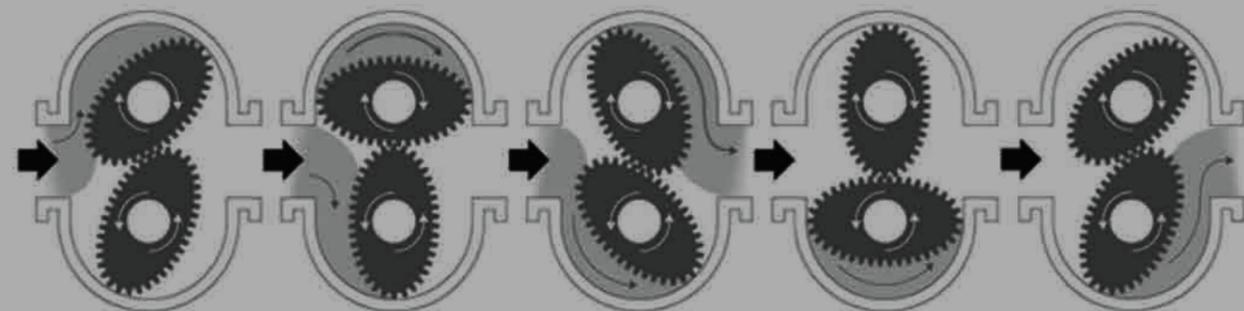


Oval wheel volume meter OVM

The OVM measures the flow volume. A defined quantity of fluid is moved through the device with each rotation of the oval wheels. The number of rotations is measured by a sensor and counted.

This uncomplicated measuring system makes the OVM largely independent from installation positions, minimum flow quantities and medium characteristics such as densities and viscosities. Space-consuming inlet and outlet paths are not required for the OVM.

The special material combinations and the highly accurate PEEK wheels make the OVM easy to integrate and ensure that it is suitable for many sensitive fields of chemical and industrial plant construction, for flow measurement, but also and in particular for setting up dosing functions.



- ▶ For precise measurement of flow quantities
- ▶ For dosing liquids (evaluation electronics or PLC)



PRESSURE CONTROL TECHNOLOGY.

Type ASV	DHV 712-R pressure relief valve	DHV 718 pressure relief valve	DHV 712 pressure relief valve	DMV 755 pressure reduction valve	DMV 765 pressure reduction valve	DMV 750 pressure reduction valve
Size	DN 10 – DN 50	DN 8 – DN 50	DN 65 – DN 100	DN 10 – DN 50	DN 10 – DN 50	DN 65 – DN 80
Material						
Sealing element*	EPDM, FPM, PTFE	EPDM, FPM, PTFE	EPDM, FPM	EPDM, FPM	EPDM, FPM	EPDM, FPM
Features	piston-controlled	diaphragm-controlled	piston-controlled	diaphragm-controlled	diaphragm-controlled	diaphragm-controlled
Setting range	0.3 – 10 bar	0.5 – 10 bar	0.3 – 10 bar	1 – 9 bar	0.5 – 9 bar	1 – 6 bar

* control diaphragm PTFE



DHV 712-R



DHV 718



DHV 712



DMV 755



DMV 765



DMV 750

PRESSURE RELIEF VALVE DHV 712-R

Sizes DN 10 – DN 50



Pressure relief valve DHV 712-R

Pressure relief valves are used to achieve and maintain constant operation pressures, to prevent pressure pulsation and to protect other pipeline components from pressure peaks.

The patented pressure relief valve DHV 712-R is equipped with a high-quality spring system and can be set to pressure ranges of between 0.3 – 10.0 bar.

If the pressurised inlet side reaches this value, the valve reliably opens. Thanks to the special piston control, the DHV 712-R is completely free of any return pressure and as a result also acts as a non-return valve at the same time.

In pressure-relief operation, the 712-R demonstrates an excellent and low-vibration control mode even behind oscillating dosing pumps.



PRESSURE RELIEF VALVE DHV 718

Sizes DN 8 – DN 50



Pressure relief valve DHV 718

The diaphragm-controlled DHV 718 is a reliable valve with a very simple design available even in very small nominal diameters.

Like all ASV pressure relief valves, this valve is equipped with a high-quality PTFE-coated control diaphragm. As this valve is exclusively sealed by this diaphragm, it can also be used for medium types containing some solid particles.



PRESSURE RELIEF VALVE DHV 712

Sizes DN 65 – DN 100



Pressure relief valve DHV 712

The pressure relief valve DHV 712 is equipped with the same return pressure free piston controls as the DHV 712-R.

It is designed for large nominal diameters and available in different pressure ranges.

Like all ASV pressure relief valves, these valves can be precisely adjusted even under full operating pressure. The high-quality PTFE coating on the control diaphragm makes the valve suitable for a wide range of aggressive medium types. Due to the special piston design, the DHV 712 generates a constant operating pressure even in case of counterpressures caused by the system.



PRESSURE REDUCING VALVE DMV 755

Sizes DN 10 – DN 50



Pressure reducing valve DMV 755

Pressure reducing valves close as of a defined input pressure and maintain a constant pressure on the outlet side. Plant components behind the valve are therefore reliably protected against excess pressure.

The DMV 755 works with output pressure in a range of 1.0 – 9.0 bar. Like all ASV pressure reducing valves it is equipped with a PTFE-coated control diaphragm and is therefore suitable for most aggressive medium types.



PRESSURE REDUCING VALVE DMV 765

Sizes DN 10 – DN 50



Pressure reducing valve DMV 765

This valve has the same basic design as the DMV 755. It is equipped with a significantly longer dome and high-quality long spring packages. Output pressures between 0.5 and 9.0 bar can be very precisely adjusted due to the slightly softer response characteristics.



PRESSURE REDUCING VALVE DMV 750

Sizes DN 65 – DN 80



Pressure reducing valve DMV 750

The DMV 750 is one of the largest available pressure reducing valves made of thermoplastic. It is equipped with a high-quality PTFE-coated control diaphragm and is characterised by its sturdy, low-vibration control behaviour and the high reproducibility of the set pressure. The DMV 750 works in a setting range of 1.0 – 6.0 bar.



PRESSURE MEASUREMENT.

UNI DISPLAY

for PTM, HFT, UFM

Type ASV	UNI Display	PTM	MDM 902	Pressure gauge
Function	Programming, display, data logger	Pressure/temperature sensor	Diaphragm pressure gauge guard	Accessories for MDM 902
Size	–	DN 25	DN 20 – DN 25	G1/4" – G1/2"
Material	does not come into contact with the medium			
Sealing element	–	EPDM, FPM, PFA	PTFE	–
Measuring range	–	0 – 10 bar 0 – 70 °C	–	0 – 10 bar



UNI Display

The **UNI Display** is a unified display and operating platform for different sensors for pressure, temperature and filling level measurement.

Each **UNI Display** is equipped with a port for SD cards which can be used to save process data (data logger) or load software updates and setting data for different sensors.

The unified platform makes it possible for any device of the PTM, HFT or UFM range to be operated with only a **UNI Display**.



UNI Display



PTM



MDM 902 with pressure gauge

PRESSURE AND TEMPERATURE SENSOR PTM



Pressure and temperature sensor PTM

The PTM registers pressures between 0 – 10 bar and temperatures between 10 – 100 °C.

The highly resistant ceramic sensor is easy to integrate into any pipeline due to its standard screw connection. An optional PFA foil provides a shield against particularly aggressive medium types.

Like all devices of the **UNI Display** platform, the PTM can be equipped with two alternative signal output modules. The available options are a 0/4 – 20 mA current output which can be parametrised and a module with 4 freely programmable relay modules. In the relay variation, the sensor works completely independently and is often used as pump guard. If the value leaves the permissible pressure or temperature range, the PTM switches off the pump before damage can occur.



- Display
- Setting
- Data logger
- Firmware updates



Pressure and temperature sensor PTM Flex

All devices of the **UNI Display** platform are also available with a separate sensor module especially for hard-to-reach locations or locations strongly contaminated by chemicals.



DIAPHRAGM PRESSURE GAUGE GUARD MDM 902

Sizes DN 20 – DN 25



Diaphragm pressure gauge guard MDM 902

Pressure gauge guards protect pressure meters from aggressive fluids. The system pressure is transferred by a generously dimensioned separating diaphragm and a transmitter liquid to the pressure meter. Standard socket connectors and female thread ports allow an easy installation.



PRESSURE GAUGE

Sizes 65 mm – 160 mm



Pressure gauge

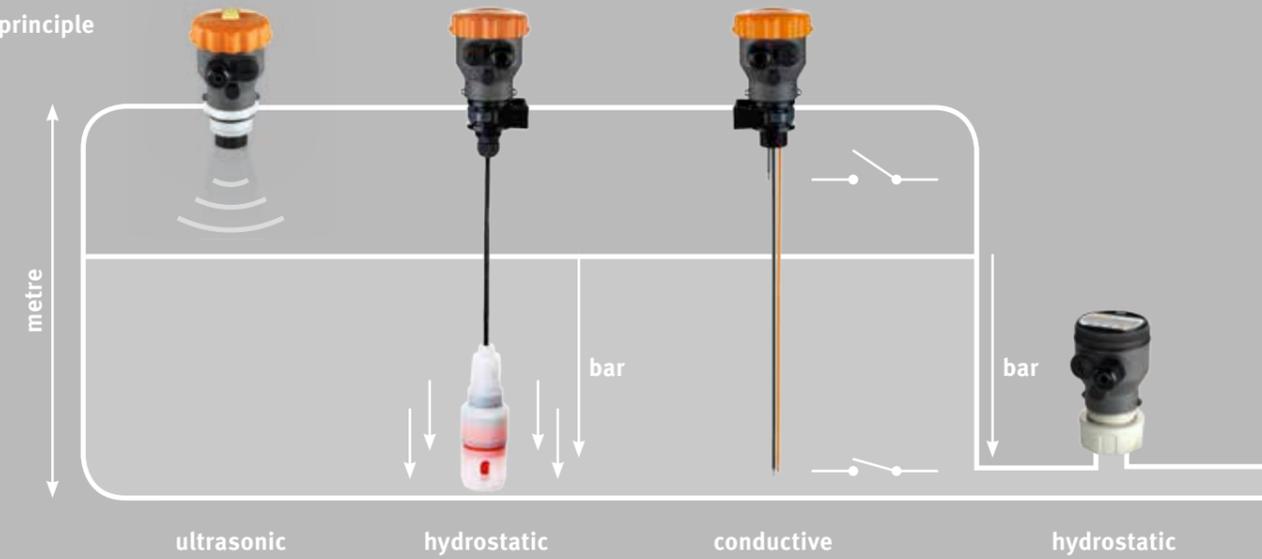
ASV Stübbe offers a wide spectrum of high-quality pressure gauges designed for use with various chemicals. Pressure ranges up to 10 bar with device connections and housings made of stainless steel, inspection glasses made of safety glass in a dampened or undampened version are available.



FILLING LEVEL MEASUREMENT.

Type ASV	UFM	HFT	CFP	NIS
Function	Ultrasonic sensor	Hydrostatic filling level sensor	Conductive limit switch	Level switch
Material	PVDF	PVC-U PP PVDF	1.4571	PVC-U PP
Sealing element	FPM	EPDM FPM	EPDM	EPDM FPM
Features	continuous measurement without contact	continuous measurement	Connection through conductive fluids	Pressure switch without medium contact
Measuring range	0.25–6 m	0–5 m 0–0.5 bar	0–1 m max. 2 switching points	0.1–4 m max. 4 switching points

Measuring principle



UFM



HFT



CFP



NIS

ULTRASONIC SENSOR UFM

PVDF

Ultrasonic sensor UFM

The UFM can carry out contact-free filling level measurements. This sensor is therefore particularly suitable for aggressive chemical applications.

The compact device determines medium levels between 0.25 and 6 m by means of a continuously measuring ultrasonic sensor completely encapsulated in PVDF. The accuracy of the sensor is 0.2 % FS with a resolution of under 1 mm and was specifically developed for larger tanks.

The ultrasonic sensor is equipped with the **UNI Display**, therefore using the same display and user interface as the PTM and HFT. The UFM is optionally available with a current output or relay.



- Display
- Setting
- Data logger
- Firmware updates



Ultrasonic sensor UFM Flex

Sensors for filling level measurement often require a display at eye level. Like all other devices of the **UNI Display** platform, the UFM is also available with a separate sensor module.



HYDROSTATIC FILLING LEVEL SENSOR HFT



Hydrostatic filling level sensor HFT

The HFT determines the hydrostatic pressure of a fluid in a tank and converts this into the filling level.

The HFT is also part of the **UNI Display** platform. All devices are optionally available with a 0/4 ... 20 mA current or a relay output. In addition to the version with a separate sensor and cable there is a compact version for applications for which swinging measuring heads are unsuitable.

Filling levels can also be measured hydrostatically in pipe lines if these are directly connected to the tank. In its compact design, the HFT is connected via a standard screw connection, e.g. to the outlet line of the container.



- Display
- Setting
- Data logger
- Firmware updates



Hydrostatic filling level sensor HFT Flex

The sensor is placed on the bottom of the tank by means of a 7 m long FEP cable and programmed for the medium and container geometry once.

Due to the special thermoplastic encapsulation, measurements in aggressive medium types are no problem. The hydrostatic principle also permits application in foaming medium types for which ultrasonic sensors are unsuitable.

The HFT works in a measuring range of 0–5 m with an accuracy of 0.2 % FS after adjustment. The resolution is 1 mm.



CONDUCTIVE LIMIT LEVEL SENSOR CFP

1.4571

Conductive limit level sensor CFP

The CFP is available with 2 or 3 sensor rods made of stainless steel. If the medium closes the electric circuit between the rods of up to one metre length, the 24 V relays of the integrated electronics are closed. The simple device is suitable for registering up to two limit levels.

The conductive measuring principle permits detection of filling levels in electrically conductive fluids.

The optional 2-point controls make it easy to carry out and other more complex filling processes.



LEVEL SWITCH NIS

PVC-U

PP

Level switch NIS

The NIS is capable to detect up to 4 filling levels. The device operates by means of diaphragm pressure switches, which reach into the not pressurised tank via submerging tubes.

When the fluid rises in the tube the hydrostatic pressure of the compressed air in the tube is actuating the switch. The switching points are determined by drilling 8 mm vent holes into the tube 100 mm below the desired switching point.



DOSING TECHNOLOGY.

WATER JET PUMP SP 820

Sizes DN 10 – DN 80



Type ASV	SP 820	
Function	Water jet pump	
Size	DN 10 – DN 80	
Material		
Sealing element	EPDM, FPM	
Intake capacity	20 – 40,000 l/h	

Water jet pump SP 820

Water jet pumps work according to the venturi-principle.

The SP 820 is used in a host of applications such as blending, mixing, dosing and transporting of liquids and gasses. It is self-priming, has no moving mechanical parts and is very robust and reliable.



SP 820



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Partners and representatives worldwide

For a current overview of all countries please visit our website:

www.asv-stuebbe.com



QUALITY MANAGEMENT AND SERVICE

▶ Reliability and chemical resistance



Service to us means 360° support for our customers. From the selection of the proper materials through to after sales service - use our expertise and experience to minimise your cost and effort and maximise your market impact.

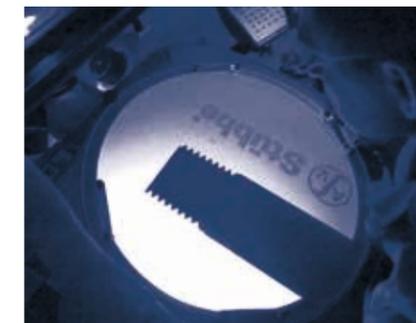
In-process inspections and quality control of components guarantee high quality final products.

Quality, perfection and safety are the guiding principles of our company. After all, our products have to reliably resist the most aggressive and water-polluting medium types.

Materials and products are permanently inspected in demanding quality tests in our own company laboratory.



Quality management system certified according to DIN EN ISO 9001:2008





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