



DUA BERLIAN
PILAR



2021

PRODUCT RANGE

**Sanitary & Industrial
Equipment**

Product Range & Services
2021

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GEMÜ diaphragm valves



Area of application & industrial sectors

- *Metal aseptic diaphragm valves for sterile processes*
- *Single-use diaphragm valves for pharmaceutical processes*
- *Metal industrial diaphragm valves for numerous applications*
- *Plastic diaphragm valves for the chemical industry and environmental systems, as well as other industries*
- *Plastic diaphragm valves for sanitary/hygienic applications*
- *Plastic diaphragm globe valves for microelectronics, chemical engineering and the pharmaceutical industry*

Valve type

The diaphragm valve is practically the all-rounder among the valves; it can be used for countless applications in all industrial sectors. One of its major advantages is that only two components come into contact with the working medium – the diaphragm and the valve body. In the closed position, the diaphragm is pressed onto the sealing weir of the valve body and can therefore shut off up to 10 bar operating pressure.

Technical Data

Operation	Manual, pneumatic, motorized
Connection	Union ends, clamps, flanges, flares, threaded sockets, threaded spigots, solvent cement sockets, solvent cement spigots, hose barbs, butt weld spigots
Operating Pressure	0-10 Bar
Body Material	Metal: Stainless steel, cast iron, brass, SG iron, cast steel, hard or soft rubber lining Plastic: ABS, PFA, PP, PVC, PVDF, inliner PP-H/outliner PP reinforced
Media Temperature	-20 - 150 °C
Nominal Size	DN 4 - 300

GEMÜ diaphragm valves Product Overview



GEMÜ 600HP



Pneumatically operated diaphragm valve

Connection Spigot
Actuator Pneumatic
Actuator movement Linear actuator
Body material Inliner PFA / Outliner PVDF
Max. operating pressure 6 bar
Max. media temperature 90 °C
Nominal sizes DN 40 (1 1/2"); DN 50 (2")

GEMÜ 601



Manually operated diaphragm valve

Connection Clamp; Spigot; Threaded connection
Actuator Manual
Body material 1.4408, investment casting material; 1.4435, investment casting material; 1.4435/316L, forged body material; 1.4539/904L, forged and block material
Max. operating pressure 10 bar
Max. media temperature 100 °C
Min. media temperature -10 °C
Nominal sizes DN 4; DN 6; DN 8 (1/4"); DN 10 (3/8"); DN 15 (1/2")
Sterilisation temperature max. 150 °C

GEMÜ 602



Manually operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection
Actuator Manual
Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material
Max. operating pressure 10 bar
Max. media temperature 100 °C
Min. media temperature -10 °C
Nominal sizes DN 4; DN 6; DN 8 (1/4"); DN 10 (3/8"); DN 15 (1/2")
Sterilisation temperature max. 150 °C

GEMÜ 605



Pneumatically operated diaphragm valve

Connection Clamp; Spigot; Threaded connection
Actuator Pneumatic
Body material 1.4435 (316L), forged material; 1.4435, investment casting material
Max. operating pressure 8 bar
Max. media temperature 100 °C
Min. media temperature -10 °C
Nominal sizes DN 4; DN 6; DN 8 (1/4"); DN 10 (3/8"); DN 15 (1/2")
Sterilisation temperature max. 150 °C

GEMÜ 607



Manually operated diaphragm valve

Connection Spigot
Body material PP-H, grey; PVC-U, grey; PVDF
Max. operating pressure 10 bar
Max. media temperature 80 °C
Min. media temperature -10 °C

GEMÜ 610



Pneumatically operated diaphragm valve

Connection Flare; Solvent cement socket; Spigot; Threaded connection; Union end
Actuator Pneumatic
Body material PP, reinforced; PP-H, natural; PVC-U, grey; PVDF
Max. operating pressure 6 bar
Max. media temperature 80 °C
Min. media temperature -10 °C
Nominal sizes DN 12; DN 15 (1/2"); DN 20 (3/4")

GEMÜ diaphragm valves

Product Overview

GEMÜ 611



Manually operated diaphragm valve

Connection Clamp; Spigot; Threaded connection

Actuator Manual

Body material 1.4435 (316L), forged material; 1.4435, investment casting material; CW617N, brass

Max. operating pressure 10 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 10 (3/8"); DN 12; DN 15 (1/2"); DN 20 (3/4")

Sterilisation temperature max. 150 °C

GEMÜ 612



Manually operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Manual

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435, investment casting material; 1.4539 (904L), block material; 1.4539 (904L), forged material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 10 (3/8"); DN 12; DN 15 (1/2"); DN 20 (3/4")

Sterilisation temperature max. 150 °C

GEMÜ 613



Motorized diaphragm valve

Connection Solvent cement socket; Spigot; Threaded connection; Union end

Actuator Motorized

Body material PP; PVC-U; PVDF

Max. operating pressure 6 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 12; DN 15 (1/2")

GEMÜ 620



Pneumatically operated diaphragm valve

Connection Flange; Threaded connection

Actuator Pneumatic

Body material EN-GJL-250, cast iron material; EN-GJS-400-18-LT, SG iron material; EN-GJS-500-7, ductile iron material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6")

GEMÜ 625



Pneumatically operated diaphragm valve

Connection Clamp; Spigot; Threaded connection

Actuator Pneumatic

Body material 1.4435 (316L), forged material; 1.4435, investment casting material

Max. operating pressure 6 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 10 (3/8"); DN 12; DN 15 (1/2"); DN 20 (3/4")

Sterilisation temperature max. 150 °C

GEMÜ 630



Pneumatically operated diaphragm valve

Connection Flare; Solvent cement socket; Spigot; Threaded connection; Union end

Actuator Pneumatic

Body material PP, reinforced; PP-H, natural; PVC-U, grey; PVDF

Max. operating pressure 6 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 12; DN 15 (1/2"); DN 20 (3/4")

GEMÜ diaphragm valves

Product Overview

GEMÜ 650



Pneumatically operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Pneumatic

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 4; DN 6; DN 8 (1/4"); DN 10 (3/8"); DN 12; DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4")

Sterilisation temperature max. 150 °C

GEMÜ 651



Pneumatically operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Pneumatic

Fieldbus

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 4; DN 6; DN 8 (1/4"); DN 10 (3/8"); DN 15 (1/2"); DN 20 (3/4"); DN 25 (1")

Sterilisation temperature max. 150 °C

GEMÜ 653



Manually operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Manual

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 4; DN 6; DN 10 (3/8"); DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4")

Sterilisation temperature max. 150 °C

GEMÜ 673



Manually operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Manual

Body material 1.4408, investment casting material; 1.4435, investment casting material; 1.4435/316L, forged body material; 1.4539/904L, forged and block material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

Sterilisation temperature max. 150 °C

GEMÜ 673P9



Manually operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Manual

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material; EN-GJS-400-18-LT, SG iron material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 8 (1/4"); DN 10 (3/8"); DN 25 (1"); DN 40 (1 1/2"); DN 50 (2")

Sterilisation temperature max. 150 °C

GEMÜ 675



Manually operated diaphragm valve

Connection Flange; Threaded connection

Actuator Manual

Body material EN-GJL-250, cast iron material; EN-GJS-400-18-LT, SG iron material; EN-GJS-500-7, ductile iron material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6")

Sterilisation temperature nicht sterilisierbar

GEMÜ diaphragm valves

Product Overview

GEMÜ 687



Pneumatically operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Pneumatic

Body material 1.4408, investment casting material; 1.4408, investment casting material, PFA lined; 1.4435 (316L), forged material; 1.4435, investment casting material; EN-GJS-400-18-LT (GGG 40.3), PFA lined; EN-GJS-400-18-LT (GGG 40.3), PP lined; EN-GJS-400-18-LT, hard rubber lined

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 10 (3/8"); DN 12; DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4")

Pilot valve

Sterilisation temperature max. 150 °C

GEMÜ 695



Pneumatically operated diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Pneumatic

Body material 1.4408, investment casting material; 1.4408, investment casting material, PFA lined; 1.4435 (316L), forged material; 1.4435, investment casting material; EN-GJS-400-18-LT (GGG 40.3), PFA lined; EN-GJS-400-18-LT (GGG 40.3), PP lined; EN-GJS-400-18-LT, hard rubber lined

Max. operating pressure 10 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

Pilot valve

GEMÜ 698



Motorized diaphragm valve

Connection Clamp; Flange; Spigot; Threaded connection

Actuator Motorized

Body material 1.4408, investment casting material; 1.4435 (316L), forged material; 1.4435 (BN2), forged material; 1.4435, investment casting material; 1.4539 (904L), forged material; EN-GJL-250, cast iron material

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

Sterilisation temperature max. 150 °C

GEMÜ R677



Manually operated diaphragm valve

Connection Flange; Spigot; Union end

Actuator Manual

Body material ABS; Inliner PP-H, grey / outliner PP, reinforced; Inliner PVDF/outliner PP, reinforced; PP, reinforced; PVC-U, grey; PVDF

Max. operating pressure 10 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4")

GEMÜ R690



Pneumatically operated diaphragm valve

Connection Flange; Spigot; Union end

Actuator Pneumatic

Body material ABS; Inliner PP-H, grey / outliner PP, reinforced; Inliner PVDF/outliner PP, reinforced; PP, reinforced; PVC-U, grey; PVDF

Max. operating pressure 10 bar

Max. media temperature 80 °C

Min. media temperature -10 °C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1"); DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4")

GEMÜ SUHK



Manually operated single-use diaphragm valve

Connection Clamp; Hose barb

Actuator Manual

Body material PP-R, natural

Max. operating pressure 4.9 bar

Max. media temperature 40 °C

Min. media temperature 5 °C

Nominal sizes DN 8 (1/4"); DN 10 (3/8"); DN 15 (1/2"); DN 20 (3/4"); DN 25 (1")

GEMÜ butterfly valves

Butterfly valves in plastic and metal



Area of application & industrial sectors

GEMÜ butterfly valves are primarily used in industrial applications and the chemical industry, as well as the fields of water supply and water/waste water treatment. The concentric and single-eccentric designs are available as standard. However, the double-eccentric and triple-eccentric shut-off valves are also available for projects on request. Use of matched control components such as position indicators, positioners and process controllers allows GEMÜ butterfly valves to also be used in control circuits.

Valve type

The butterfly valve comprises a ring-shaped body in which a ring-shaped elastomer seat/liner is inserted. A washer guided through a shaft swings through a 90° rotary movement into the gasket. Depending on the version and nominal size, this enables operating pressures of up to 25 bar and temperatures up to 210 °C to be shut off. Most often, these valves are used for mechanically pure liquids, but can also be used in the right material combinations without posing any problems for slightly abrasive media or gases and vapours.

Technical Data

Operation	Manual, pneumatic, motorized
Connection	Union ends, threaded sockets, butt weld spigots
Operating Pressure	0-16 Bar
Body Material	Metal: Aluminium, stainless steel, cast iron, brass, SG iron, cast steel Plastic: PES, PP, PVC
Media Temperature	-60 - 210 °C
Nominal Size	DN 15 - 1600

GEMÜ butterfly valves Product Overview



GEMÜ 410



Pneumatically operated butterfly valve

Connection Union end

Actuator Pneumatic

Body material PVC-U, grey

Max. operating pressure 6 bar

Max. media temperature 60 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ 411



Manually operated butterfly valve

Connection Clamp; Spigot; Threaded connection

Actuator Manual

Body material 1.4408, investment casting material;
CW614N, brass; CW617N, brass

Max. operating pressure 10 bar

Max. media temperature 120 ° C

Min. media temperature -20 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ 415



Pneumatically operated butterfly valve

Connection Clamp; Spigot; Threaded connection

Actuator Pneumatic

Body material 1.4408, investment casting material;
CW614N, brass; CW617N, brass

Max. operating pressure 10 bar

Max. media temperature 120 ° C

Min. media temperature -20 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ 417



Manually operated butterfly valve

Connection Union end

Actuator Manual

Body material PVC-U, grey

Max. operating pressure 6 bar

Max. media temperature 60 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ 423



Motorized butterfly valve

Connection Union end

Actuator Motorized

Body material PVC-U, grey

Max. operating pressure 6 bar

Max. media temperature 60 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ 428



Motorized butterfly valve

Connection Clamp; Spigot; Threaded connection

Actuator Motorized

Body material 1.4408, investment casting material;
CW614N, brass; CW617N, brass

Max. operating pressure 10 bar

Max. media temperature 120 ° C

Min. media temperature -20 ° C

Nominal sizes DN 15 (1/2"); DN 20 (3/4"); DN 25 (1");
DN 32 (1 1/4"); DN 40 (1 1/2"); DN 50 (2")

GEMÜ butterfly valves

Product Overview

GEMÜ 488



Motorized butterfly valve

Connection Flange (U section); Flange (lug); Flange (wafer)

Actuator Motorized

Body material EN-GJS-400-15, SG iron material

Max. operating pressure 16 bar

Max. media temperature 150 °C

Min. media temperature -10 °C

Nominal sizes DN 25 (1"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350

GEMÜ 490



Butterfly valve with bare shaft

Connection Flange (lug); Flange (wafer)

Actuator With bare shaft

Body material 1.4404, block material; EN-GJS-400-18-LT, SG iron material; S355J2 + N, cast steel material; VE Duroplast, reinforced

Max. operating pressure 10 bar

Max. media temperature 200 °C

Min. media temperature -20 °C

Nominal sizes DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600; DN 700; DN 900; DN 1000

GEMÜ 491



Pneumatically operated butterfly valve

Connection Flange (lug); Flange (wafer)

Actuator Pneumatic

Body material 1.4404, block material; EN-GJS-400-18-LT, SG iron material; S355J2 + N, cast steel material; VE Duroplast, reinforced

Max. operating pressure 10 bar

Max. media temperature 200 °C

Min. media temperature -20 °C

Nominal sizes DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600

GEMÜ 480



Butterfly valve with bare shaft

Connection Flange (U section); Flange (lug); Flange (wafer)

Actuator With bare shaft

Body material EN-GJS-400-15, SG iron material

Max. operating pressure 16 bar

Max. media temperature 150 °C

Min. media temperature -10 °C

Nominal sizes DN 25 (1"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600

GEMÜ 481



Pneumatically operated butterfly valve

Connection Flange (U section); Flange (lug); Flange (wafer)

Actuator Pneumatic

Body material EN-GJS-400-15, SG iron material

Max. operating pressure 16 bar

Max. media temperature 150 °C

Min. media temperature -10 °C

Nominal sizes DN 25 (1"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600

GEMÜ 487



Manually operated butterfly valve

Connection Flange (U section); Flange (lug); Flange (wafer)

Actuator Manual

Body material EN-GJS-400-15, SG iron material

Max. operating pressure 16 bar

Max. media temperature 150 °C

Min. media temperature -10 °C

Nominal sizes DN 25 (1"); DN 40 (1 1/2"); DN 50 (2"); DN 65 (2 1/2"); DN 80 (3"); DN 100 (4"); DN 125 (5"); DN 150 (6"); DN 200; DN 250; DN 300; DN 350; DN 400; DN 450; DN 500; DN 600

GEMÜ diaphragm



General information

GEMÜ manufactures, installs and delivers diaphragms for full bore diaphragm valves and diaphragm valves with a sealing weir. The following applies in relation to all original GEMÜ diaphragms ;Production and quality control in accordance with high GEMÜ standards, Special compound in accordance with original GEMÜ specifications and in-house development of the compound, Testing on our own test rigs, in accordance with the requirements of the pharmaceutical sector among others, Manufacture by the GEMÜ group or through certified suppliers with connections to GEMÜ going back many years

For sterile and hygienic applications

GEMÜ developed its seal system for diaphragm valves with a sealing weir up to DN100 over three decades ago. A circular sealing bead in the valve body creates a defined external sealing point. This minimizes the ring-shaped gap between the diaphragm and the valve body and makes this seal system particularly suitable for applications in the pharmaceutical, biotechnology and cosmetics industries.

Available materials: EPDM, PTFE (no industrial standard but improved composition)/EPDM; further materials depending on the scope of application

Traceability of GEMÜ diaphragms

GEMÜ diaphragms for diaphragm valves in the weir-type design can be ordered individually packed with an inspection certificate and thus traced. With our GEMÜ CONEXO system, we also offer captive identification – even after removal from the packaging or from the warehouse. This involves the relevant diaphragm being equipped with an RFID chip. IT infrastructure comprising a mobile and stationary software solution is also required. Thanks to serialisation, the components are uniquely traceable and can be identified in the plant at any time using an RFID reader.

Technical Data

The minimal deadleg internal contour and the support of the diaphragm by a compressor provides optimum flow conditions and the best seal properties on GEMÜ full bore diaphragm valves. Lined diaphragm valves from GEMÜ combined with a suitable seal material offer even better resistance to numerous lyes, acids and other corrosive, abrasive and contaminated media.

Available materials: NBR, CR, natural rubber and EPDM

GEMÜ diaphragm Product Overview



GEMÜ Code 17

EPDM diaphragm

Max. media temperature 100 °C

Min. media temperature -10 °C

Sterilisation temperature max. 150 °C



GEMÜ Code 54

PTFE/EPDM diaphragm

Max. media temperature 100 °C

Min. media temperature -10 °C

Sterilisation temperature max. 150 °C



GEMÜ Code 5A

PTFE/EPDM diaphragm

Max. media temperature 100 °C

Min. media temperature -10 °C

Sterilisation temperature max. 150



GEMÜ Code 5M

PTFE/EPDM diaphragm

Max. operating pressure 10 bar

Max. media temperature 100 °C

Min. media temperature -10 °C

Sterilisation temperature max. 150 °C

Mixing Equipment



Agitators



ALB

The Alfa Laval ALB bottom-mounted agitator is suitable for atmospheric and pressurized tanks and meets requirements in food, dairy, beverage, pharmaceutical, biotechnology and cosmetic applications.



ALS

The Alfa Laval ALS side-mounted agitator is suitable for atmospheric and pressurized tanks and meets requirements in food, dairy, beverage, pharmaceutical, biotechnology and cosmetic applications.



ALT

The Alfa Laval ALT top-mounted agitator is suitable for atmospheric and pressurized tanks and meets requirements in food, dairy, beverage, pharmaceutical, biotechnology and cosmetic applications.



ALTB

The Alfa Laval ALTB top-mounted agitator is suitable for atmospheric and pressurized tanks and meets requirements in food, dairy, beverage, pharmaceutical, biotechnology and cosmetic applications.

Tank mixers



LeviMag®

The Alfa Laval LeviMag® is an aseptic magnetic mixer that uses a patented levitating impeller and advanced design to mix down to the last drop and maximize product yield.



LeviMag® UltraPure

Designed for the pharmaceutical and biotech industries, the Alfa Laval LeviMag® UltraPure is an aseptic magnetic mixer that uses a patented levitating impeller to mix down to the last drop.



MX mixer

Specially designed to meet the specific mixing requirements of the fats and oils industry. MX mixers are ideal for important process stages such as degumming, acid conditioning and neutralization.



Rotary Jet Mixer

Designed for use in the brewery and beverage, dairy, personal care and biopharm industries, Rotary jet mixers effectively handles liquid mixing, gas dispersion, powder mixing, and tank cleaning.

Installation Material



Hygienic fittings



Hygienic BS 4825

This product range provides a wide range of fittings with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Fittings in the hygienic range comply with Hygienic BS 4825.



Hygienic DIN 11850 fittings

This product range provides a wide range of fittings with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Fittings in the hygienic range comply with EN 10357-A.



Hygienic ISO 2037 fittings

This product range provides a wide range of fittings with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Fittings in the hygienic range comply with ISO 2037.



Tri-Clover Hygienic ASME fittings

This product range includes a comprehensive selection of fittings with internal surface finishes with a roughness average (Ra) of $< 0.4 - 0.8 \mu$. Fittings in the hygienic range comply with ASME 3A.

Hygienic tubes



Hygienic BS 4825, Part 1 tubes

This product range provides a wide range of tubes with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Tubes in the hygienic range comply with BS 4825.



Hygienic DIN 11850 tubes

This product range provides a wide range of tubes with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Tubes in the hygienic range comply with DIN 11850.



Hygienic ISO 2037 tubes

This product range provides a wide range of tubes with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Tubes in the hygienic range comply with ISO 2037.



Tri-Clover Hygienic ASME tubes

This product range provides a wide range of tubes with internal surface finishes that have a roughness average (Ra) of $< 0.8 - 1.6 \mu$. Tubes in the hygienic range comply with ASME dimension standards.

Valves



Safety valves



SB Anti Vacuum House

This reliable unit minimizes the risk of implosion in closed tanks whenever internal vacuum conditions occur. This safeguards hygienic processes in the brewery, dairy, food and beverage industries.



SB Anti Vacuum Valve

This compact, reliable, anti-vacuum valve provides protection against the formation of a vacuum condition in process tanks used in the brewery, dairy, food and beverage industries.



SB Pressure Relief Valve

Safe and reliable, this valve protects tanks from damage by venting fluid in the event of liquid overfilling. This safeguards hygienic processes in the brewery, food, dairy and beverage industries.



Safety Valve

The Alfa Laval Safety Valve is a spring-loaded valve used in hygienic industries to prevent accidents and equipment damage caused by overpressures in tanks, pipelines and plant sections.

Regulating valves



CPM

CPM valves maintain uniform inlet or outlet pressure in hygienic process lines for the dairy, food and beverage industries. These regulating valves provide accurate pressure control, safe and reliable



SB Pressure Exhaust Valve

This valve automatically reduces the working pressure in brewery, food, dairy and beverage process tanks as the pressure increases. This ensures process hygiene, reliability and safety.



SB Tank Pressure Regulator

Designed for use in the brewery, food, dairy and beverage industries, this regulator maintains and controls top pressure while filling, processing and emptying the tank.



Unique RV-P

The Unique RV-P regulating valve is designed to safely and effectively control or regulate precision flows in the dairy, food and beverage, and biopharm industries.

Valves



Sampling valves



SB Carlsberg Flask

Alfa Laval SB Carlsberg sterilizes wort and cultivates pure yeast cultures on a laboratory scale for use in yeast propagation plants in the brewery, food, dairy and beverage industries.



SB Membrane Sampling Valve

A compact, cost-effective way to take bulk or aseptic samples from tanks and pipework in breweries (and other hygienic processes such as food and dairy) under sterile conditions.



SB Micro Sampling Port

Designed for sterile sampling of brewery, food, dairy and beverage products, this micro sample port makes it possible to take aseptic and microbiological samples in small volumes.



Unique Sampling Valve

Alfa Laval Unique sampling valves make it possible to obtain representative samples of food and beverage, personal care and biopharm products. These reliable single- and double-seat valves contribute.

Single seat valves



700 Series

The Alfa Laval Tri-Clover® 700 Series is a range of air-operated single-seat valves that provide years of reliable performance.



LKAP

Compact and straightforward, LKAP seat valves are reliable air-operated shut-off valves widely used for small flow rates and for dosing applications in the dairy, food and beverage industries.



SB Mini Flow Valve

The mini flow valve is an excellent choice when hygienic shut-off or change-over of liquids or gases is required for a broad range of applications in the brewery, food, dairy and beverage industries.



Unique SSSV

Alfa Laval Unique Small Single Seat Valves (SSSVs) are fast-acting pneumatic valves that handle dosing and small flow rates in hygienic applications.

MINOX sanitary valve Product Overview



2-Piece Body Sanitary Ball Valve



3-Piece Sanitary Ball Valve



Air Release Valve



Aseptic Sampling Valve



Butterfly Valve



Change Over Valve



Diaphragm Valve



Floating Valve



Flow Control Valve

MINOX tube & fittings Product Overview



45°, 90° & Long Radius Elbow



Concentric & Eccentric Reducer



Equal, Short Branch, Cross,
Reducing Tee



Hose Adaptor



Pipe Hanger



Sanitary Tube



Tube End Cap

MINOX tank equipment

Product Overview



Air Vent



Breather Vent Filter



Inline Sight Glass



Level Gauge



Manhole Cover



Spray Ball



Tank Sight Glass

MINOX sanitary union

Product Overview



Clamp Union



DIN Union



DS Union



**Hygienic 11853-1 & Aseptic
11864-1**



**Hygienic 11853-2 & Aseptic
11864-2 Flange**



IDF Union



RJT Union



SMS Union

FUJIKIN manual valves Product Overview



Manual Valves

Globe Valves



Needle Valves



Stop Valves



Bellows Valves



Metal Diaphragm
Valves

Angle Valves



Needle Valves



Stop Valves

Manifold/Gauge Valves



Manifold/Gauge Valves

Ball Valves



Ball Valves

Plug Valves



Plug Valves

Diaphragm Valves



Diaphragm Valves



Weirless Diaphragm
Valves

FUJIKIN automatic valves Product Overview



Automatic Valves

Globe Valves



Needle Valves



Stop Valves



Bellows Valves



Metal Diaphragm Valves



All Metal Diaphragm Valves

Ball Valves



Ball Valves

Gate Valves



Gate Valves

Diaphragm Valves



Diaphragm Valves



Weirless Diaphragm Valves

Y Type



Stop Valves

Pinch Valves



Pinch Valves

FUJIKIN fittings Product Overview



Double Compression Ring Types Fittings

Stainless Steel



Brass



Ring Joint Type Fittings

Brass



Welding Type Fittings

PFA



FUJIKIN fittings Product Overview



Welding Type Fittings

PFA



PURE FIT®

Weld Type Fittings

Stainless Steel



Auto Weld Fittings

Cone & Thread Type Fittings

Stainless Steel



UJUN, UJU (Ultra High Pressure Hydrogen Gas Compatible)

FUJIKIN flow control Product Overview



Equipment Name

Flow Control Systems (FCS®)



Flow Control Systems
(FCS®)

Mass Flow Controllers



Mass Flow Controllers

Integrated Gas Systems (IGS®)



Integrated Gas
Systems (IGS®)

Compressors/Pumps



Compressors/Pumps

Static Mixers



Static Mixers

Sealing Tape Automatic Wrapping Machine



Sealing Tape
Automatic Wrapping
Machine

FUJIKIN flow control Product Overview

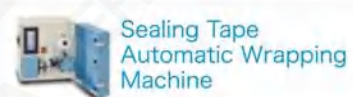


Equipment Name

Static Mixers



Sealing Tape Automatic Wrapping Machine



Water Vapor Generator



PFA Welding Machine



FUJIKIN others Product Overview



Tools

Kabo Tools

 Rapid Ratchet Wrench	 Flexible Ratchet Wrench	 Gearless Ratchet Wrench Bearing System	 Non-Slip Spherical Combination Wrench
 Rapid Double Open Wrench	 Flexible Monkey Wrench	 Flexible Screwdriver	 Double Joint Flexible Ratchet Screwdriver
 Multi Functional Screwdriver	 T-shaped Preset Torque Screwdriver With Ratcheting	 Exchangeable Angle USB Digital Torque Wrench ETT-BI+ Series	 RAPID RATCHETING WRENCHES TOOL SET
 TWISTER ADJUSTABLE NON-SLIP WRENCH	 PROFESSIONAL INDUSTRIAL TORQUE WRENCH-CW CCW CLICKS	 120 TEETH RATCHET HANDLE	 NON-SLIP SHALLOW SOCKETS
 NON-SLIP IMPACT DRIVE SOCKETS	 NON-SLIP DEEP IMPACT SOCKETS	 NON-SLIP DEEP SOCKETS	 SPHERICAL SHALLOW SOCKETS
		 SPHERICAL DEEP SOCKETS	 SPHERICAL DEEP SOCKETS

Wastewater Purification System

Wastewater Purification System



Wastewater
Purification System

FUJIKIN others Product Overview



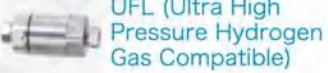
Filters

FUFL, FUFT



FUFL, FUFT

UFL (Ultra High Pressure Hydrogen Gas Compatible)



UFL (Ultra High Pressure Hydrogen Gas Compatible)

Liquid Leak Detector

FINE BUBBLE® Liquid Leak Detector



FINE BUBBLE® Liquid Leak Detector

V-Lok Tools



V-Lok Toolset

Healthcare • Health Management

Air Dosimeter



Air Dosimeter

KOBOLD Product Overview



Variable Area Flowmeter-Plastic-Low Flow KSV



Variable Area Flowmeter-Plastic-Low Flow KFR



Variable Area Flowmeter-Plastic KSK



Bourdon Tube Pressure Gauges MAN-R, MAN-Q



All Stainless Steel Bourdon Tube Pressure Gauges MAN-R



Bourdon Tube Pressure Gauges for Exceptional Safety MAN-R...S



Magnetic Level Switches M



Magnetic Level Switches for Side Installation MS



Bypass Level Switch NBA, NBE

KOBOLD Product Overview



Temperature Switch TWR



Bi-Metal Temperature Switch TBS



Thermal Reed Switches TRS



Transmitter / Controller APM-1



**Gel-filled pH-combined Electrode
APS-Z**



**Gel-filled ORP Combined Electrode
ARS-Z**



**Humidity / Temperature Measuring
Instrument AFK-G**



**Humidity Measuring Instrument
with Analogue Output AFA-G**



**Humidity / Temperature Measuring
Instrument AFK-E**

KOBOLD Product Overview



**Turbidity Measurement System
ATS-K**



**Turbidity Measurement System
ATA-K**



**Transmitter for Turbidity
Measurement System ATT-K**



Density meter DWF



**Mass Flowmeter Coriolis TMU/UMC-
4**



Flow Restrictors REG



**Flow Restrictors - Multiple Element
REG-8**



**Flow Restrictors - Multiple Element
REG-9**

MODENTIC

Product Overview



NEEDLE VALVES

NEEDLE VALVES



NV-0060



NV-0061

- NV-0060 Female X Female screwed end
- NV-0061 Male X Female screwed end
- 1/8" ~ 1" (DN8 ~ DN25)
- CWP : 6000 psi
- Body : SS 316 (Investment casting)

ANGLE NEEDLE VALVES



NV-0062



NV-0063

- NV-0062 Female X Female screwed end
- NV-0063 Male X Female screwed end
- 1/8" ~ 1" (DN8 ~ DN25)
- CWP : 6000 psi
- Body : SS 316 (Investment casting)



SCREWED END GATE • GLOBE • CHECK • NEEDLE VALVES AND STRAINERS

GATE VALVES GT-200



Design Feature

- 1/2" – 2" (DN15 - DN50)
- Non-Rising stem, solid disc

Body / Disc	ASTM A351 Gr.CF8M (EN1.4408)
Packing	PTFE
Working Pressure	200 PSI / PN16
End Connection	Threaded end

GLOBE VALVES GB-200



Design Feature

- 1/4" – 2" (DN8 - DN50)
- Rising stem, solid disc

Body / Disc	ASTM A351 Gr.CF8M (EN1.4408)
Packing	PTFE
Working Pressure	200 PSI / PN16
End Connection	Threaded end

MODENTIC

Product Overview



FIRE SAFE APPROVED BALL VALVES

MD-51FS-150/300
API 607 4th



Design Feature

- Reduced Bore
- 3/4" – 6" (DN20 - DN150)
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 class 150/300
- ANSI B16.5 class 150/300 RF

Body	ASTM A351 Gr.CF8M
Ball / Stem	CF8M / SS 316
Seat	RTFE (15% glass fiber filled)
Temperature Range	-4 to 356 °F (-20 to 180 °C)

MD-52FS-150/300
API 607 4th



Design Feature

- Full Bore
- 1/2" – 6" (DN15 - DN150)
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 class 150/300
- ANSI B16.5 Class 150/300 RF

Body	ASTM A351 Gr.CF8M
Ball / Stem	CF8M/ SS 316
Seat	RTFE (15% glass fiber filled)
Temperature Range	-4 to 356 °F (-20 to 180 °C)



THREE PIECES BALL VALVES

V-155



Design Feature

- Full port : 1/4" – 2-1/2" (DN8-DN65)
- Reduced port : 3/8" – 2-1/2" (DN10-DN65)
- Blow-out proof stem , Anti-static design
- ISO 5211 mounting flange
- Handle with locking device
- End connection : Thread end, Socket weld, Butt weld end

Body	ASTM A351 Gr.CF8M (1.4408)
Ball / Stem	CF8M / SS316
Seat	RTFE
Working Pressure	1/4" - 1" 2000 psi (PN 140)
	1-1/4" - 2" 1500 psi (PN100)
	2-1/2" 1000 psi (PN 63)

V-255



Design Feature

- Full port : 1/4" – 2" (DN8-DN50)
- Reduced port : 1/2" – 2-1/2" (DN15-DN65)
- Blow-out proof stem, Anti-static design
- ISO 5211 mounting flange
- Handle with locking device
- End connection : Thread end, Socket weld, Butt weld end

Body	ASTM A351 Gr.CF8M (1 4408)
Ball / Stem	CF8M / SS316
Working Pressure	1/4" - 1" 2000 psi (PN 140)
	1-1/4" - 2" 1500 psi (PN100)

MODENTIC

Product Overview



METAL SEATED BALL VALVES

MD-52Q-150/300 **Floating Type**
Metal Seated, API 6FA Fire Safe Design



Design Feature

- Full Bore
- 1/2" – 8" (DN15 - DN200)
- Blow-out proof stem
- Anti-static design
- ANSI B16.10 Class 150/300
- ANSI B16.5 Class 150/300 RF

Body	ASTM A351 Gr.CF8M
Ball / Stem	CF8M + Hard Cr. / SS 316
Seat	SS 316 + Stellite #6
Tightness Rates	ΔP : ASME / FCI 70-2 Class IV

MD-52QT-150/300 **Trunnion Mounted Type**
Metal Seated



Design Feature

- Full Bore
- 4" – 8" (DN100 - DN200)
- Blow-out proof stem
- Anti-static design
- Trunnion mounted type
- ANSI B16.10 Class 150/300
- ANSI B16.5 Class 150/300 RF

Body	ASTM A351 Gr.CF8M
Ball / Stem	CF8M + Hard Cr. / SS 316
Seat	SS 316 + Stellite #6
Tightness Rates	ΔP : ASME / FCI 70-2 Class IV

ISO 5211 Direct Mounted BALL VALVES

V-83HP **ONE PIECE REDUCED PORT**
ONE PIECE BALL VALVE

V-83HP
800 psi (PN40) • 1/4" - 2"



- 01 Threaded End
- 02 Blow-out-proof Stem Design
- 03 Temperature Range : -4 to 356 °F (-20 to 180 °C)
- 04 BODY : ASTM A351 Gr.CF8M (1.4408)
- 05 BALL : SS316 / CF8M
- 06 STEM : SS316
- 07 SEAT : PTFE

V-168 **TWO PIECES FULL PORT**
TWO PIECES BALL VALVE

V-168
1000 psi (PN63) • 1/4" - 2"



- 01 Threaded End
- 02 Blow-out-proof Stem Design
- 03 Temperature Range : -4 to 356 °F (-20 to 180 °C)
- 04 BODY : ASTM A351 Gr.CF8M (1.4408)
- 05 BALL : CF8M
- 06 STEM : SS316
- 07 SEAT : PTFE / RTFE

MODENTIC

Product Overview



MULTI WAY BALL VALVES

K-301 3 Way L / T port



Design Feature

- Standard Bore
- 1/4" – 2" (DN8 - DN50)
- Blow-out proof stem



- 2 seats design for L port
- 3 seats design for T port

Body	ASTM A351 Gr.CF8M (1.4408)
Ball / Stem	CF8M / SS316
Seat	PTFE
End Connection	Threaded end
Temperature Range	-4 to 356 °F (-20 to 180 °C)
Working Pressure	1/4" – 2" 1000 psi (PN 63)

K-302 3 Way L / T port



Design Feature

- Standard Bore
- 1/4" – 2" (DN8 - DN50)
- Blow-out proof stem
- 3 seats design

Body	ASTM A351 Gr.CF8M (1.4408)
Ball / Stem	CF8M / SS316
Seat	PTFE
End Connection	Threaded end
Temperature Range	-4 to 356 °F (-20 to 180 °C)
Working Pressure	1/4" – 2" 1000 psi (PN 63)

V-FLOW BALL VALVES

VF-27

Design Feature



- 1/2" – 6" (DN15 - DN150)
- ISO 5211 Mounting Flange
- Blow-out proof stem
- Anti-static design
- Face to Face : DIN 3202 F1/F4/F5
ANSI B16.10 CLASS 150/300/600
JIS B2002
- Flange dia. : EN1092-1 PN10/16/25/40 RF
ANSI B16.5 CLASS 150/300/600 RF
JIS 2010 10K/20K

Body	ASTM A351 Gr.CF8M (1.4408)
Ball / Stem	CF8M / SS316
Seat	50%PTFE + 50%S.S

VF-28

Design Feature



- 1/2" – 6" (DN15 - DN150)
- ISO 5211 Direct Mounting Flange
- Blow-out proof stem
- Anti-static design
- Face to Face : DIN 3202 F1/F4/F5
ANSI B16.10 CLASS 150/300/600
JIS 2002
- Flange dia. :
EN1092-1 PN 10/16/25/40 RF
ANSI B16.5 CLASS 150/300/600 RF
JIS 2010 10K/20K

Body	ASTM A351 Gr.CF8M (1.4408)
Ball / Stem	CF8M / SS316
Seat	50%PTFE + 50%S.S

MODENTIC

Product Overview



HIGH PRESSURE BALL VALVES

Other materials are available upon request

HPV-30



Design Feature

- 1/4" - 1-1/2" Full Bore
2" Reduced Bore
- 2 Pieces body design
- Blow-out proof stem
- ISO 5211 mounting flange
- Handle with locking device
- End connection : Threaded end

Body	ASTM A351 Gr.CF8M
Ball / Stem	CF8M / SS316
Seat	Derlin / Peek
Temperature Range	-4 to 176 °F (-20 to 80 °C) for Derlin -4 to 500 °F (-20 to 260 °C) for Peek
Working pressure(CWP)	3000 psi (PN210)

HPV-40 • HPV-41



Design Feature

- ISO 5211 mounting flange
- Blow-out proof stem
- Anti-static design
- Bar material body

HPV-40 3600 Psi Full Bore • 1/4" – 2" (DN8 - DN50)

HPV-41 6000 Psi Full Bore • 1/4" – 2" (DN8 - DN50)

HPV-40A 3600 Psi Reduced Bore • 1/4" – 2" (DN8 - DN50)

HPV-41A 6000 Psi • Reduced Bore • 1/4" – 2" (DN8 - DN50)

Body	AISI 1025 / AISI316 (Bar material)
Ball / Stem	CF8M / 17-4PH
Seat	Derlin / Peek
Temperature Range	-4 to 176 °F (-20 to 80 °C) for Derlin -4 to 500 °F (-20 to 260 °C) for Peek
Working pressure(CWP)	HPV-40 3600 psi (PN260) HPV-41 6000 psi (PN420)

SHARK Product Overview



AIR RECEIVER TANK



LOW PRESSURE



AIR FILTER



HIGH PRESSURE



BOOSTER COMPRESSOR



OIL FREE



SHARK

Product Overview



SCREW OPEN TYPE



AIR DRYER



MEDIUM PRESSURE



SCREW DIRECT DRIVE



COMPLETE PERMANENT MAGNET



DOUBLE STAGE

SUNWIN Product Overview



Compressed Air Filter Elements

Air filter Engineering produces a comprehensive range of compatible or equivalent replacement elements suitable for installation in other competing brands of filters. Every element is built to the same exacting standards at Air filter Engineering.



Ball Valve With Drain Port

The design of free floating ball automatic drainage which do not need to consume electricity and truly achieve cost savings for customers.



Timer Controlled Condensate Drainer

The SUNWIN timer controlled condensate drain combines an adjustable electronic timer controlled drain, a ball valve and a mesh strainer into one compact easy to install package.



High Pressure Air Filters

The filter housing adopts the numerical control precision machining and the high temperature pressure test experiment, the materials include 316L, 304 stainless steel, carbon steel and forged aluminum, respectively 4.0mpa, 8.0 mpa different pressure levels.

SUNWIN Product Overview



In Line Water Separator For Air Compressor

Operating pressure max.: 16bar
Volume flow rate: 1~25 Nm³/min
Material housing: Aluminium
Operating temp. Range: 1.5~80°C



Air Compressor Regulator Oil Water Separator Filter

The oil water separators installed before compressed air filter and any other drying equipment. The water separators can remove 99 % of liquid water, making downstream purification more efficient.



Sterile Air Filters

Sunwin Sterile Air filter is designed specifically to remove over 99.99998% of bacteria sized contaminant. The stainless steel filter housings are also designed for protection of the compressed air system where need the sterile air.

AFRISO Product Overview



Domestic technology

With a comprehensive range of building technology products, AFRISO prides itself in "Making Heating Systems Safe". Irrespective of whether the heating system uses regenerative energy or fossil fuels. In addition to this extensive range, a large selection of alarm instruments for the fast detection of level, unwanted liquid spillage, leakage, gas or smoke is available.



Level indicators and level controllers



Level sensors, overfill prevention systems and PTC thermistor type level controllers



Leak detectors, leak monitoring systems and leak protection linings



Alarm units, probes and signalling devices



AFRISO Smart Home



Equipment for fuel oil storage tanks and oil carrying pipes

AFRISO Product Overview



Domestic technology

With a comprehensive range of building technology products, AFRISO prides itself in "Making Heating Systems Safe". Irrespective of whether the heating system uses regenerative energy or fossil fuels. In addition to this extensive range, a large selection of alarm instruments for the fast detection of level, unwanted liquid spillage, leakage, gas or smoke is available.



Equipment for heating systems, boiler rooms and chimneys



Equipment for surface heating and cooling systems



Valves and control technology for radiators and hydraulic balancing



Water technology



Pressure measuring instruments domestic technology



Temperature measuring instruments domestic technology



AFRISO Product Overview



Industrial technology

AFRISO is at home wherever there is measuring, controlling or monitoring required. As a full range supplier, we provide a comprehensive portfolio of mechanical and electronic pressure, temperature and level instruments as well as the required mounting and installation accessories as well as display, control and evaluation devices.



Mechanical pressure measuring instruments



Process separator, chemical seal



Electronic pressure measuring instruments



Temperature measuring instruments / temperature controllers



Level indicators / level controllers



Alarm units and gas alarm systems



AFRISO Product Overview



Portable measuring instruments

Professional measuring systems for building technology and industrial applications. Suitable measuring systems for any application. AFRISO offers solutions for official measurements adjustment, servicing, maintenance and repair work.



Flue gas analysis



Flow measurement



Pressure measurement / leak location



Temperature/moisture measurement



Universal sensor module system (Blue-
tooth® Smart)



Inspection and service



KINGLAI Product Overview



Pipe fittings



Sanitary valve BioClean



Sanitary pump



Heat exchanger and filter



Tanks and tank accessories



Semiconductor (NanoPure)



Vacuum (AdvanTorr)



Cavity



Vacuum gate valve (US
GNB)





Bürkert Product Overview



Solenoid Valves



Process and Control
Valves



Electromotive Valves



Pneumatics and
Process Interfaces



Sensors, Transmitters
and Controllers



Microfluidic Valves
and Pumps



Mass Flow Controllers



Solenoid Control
Valves



Filtration Modules



Additional Products

DUA BERLIAN
PILAR

