

Components for instrumentation & process control

Ensuring a seamless
Connection



Index



Filters for fluids and gases	4
Regulators for fluids and gas	5
Products for gas	6
Fittings for leak-free connections	8
Valves in a league of their own	9
Pressure gauges, thermometers and measuring equipment	10
High-pressure valves and fittings	12
PED-approved safety valves	13
Pipes and hoses	14
Nozzles for all purposes	16
Equipment for tank cleaning	17
Tools for pipes and fittings	18
Special valves	20
Hy-lok training course	22

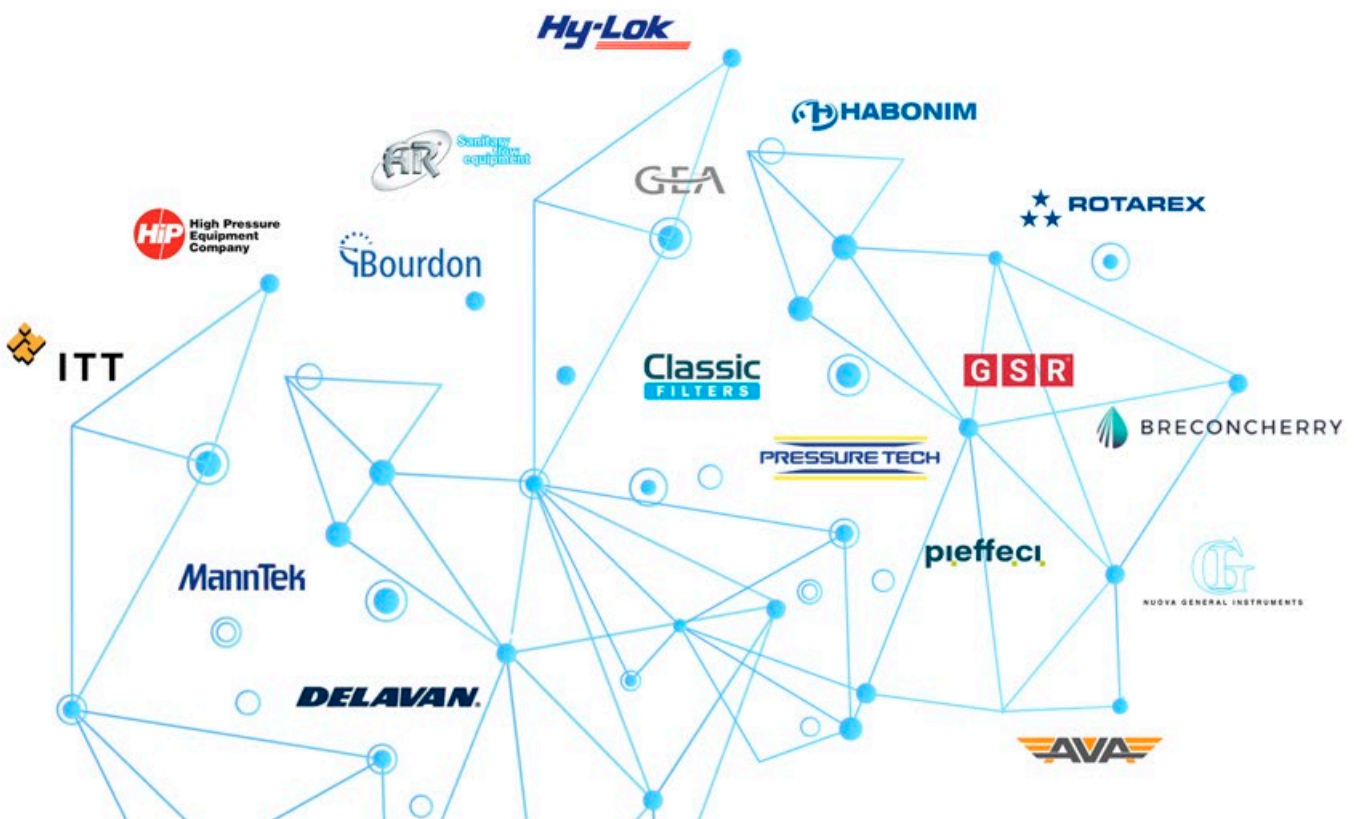
Solutions for all needs

At PG Flowtechnik, we go beyond simply providing goods at the counter. We ask about your needs and use our many years of industry experience to come up with the right solution.

With us, you get serious, competent and committed advice – and we go the extra mile to ensure you are 100% satisfied.

Components for instrumentation and process control are constantly evolving. This means there is a high probability that we have products that can optimise the quality, process time and cost of your current application. Asking us costs nothing.

Whether you need to install new systems, optimise an existing one or have a specific problem that needs to be solved right away, we're here to help.



We are your trusted supplier of high-quality components for instrumentation and process technology, working with leading companies worldwide to deliver the best solutions for your business.

Filters for Fluids and Gas



Classic Filters is the complete filter solution for every challenge. Here, you get all parts from a single supplier – from individual filter elements and filter housings to complete systems for virtually every conceivable application. Classic Filters produces some of the world's most robust, high-quality coalescing and particle filters. Added to that is an unrivalled level of service that ensures on-time delivery – every time.

- Filter housings in stainless steel, aluminium, PTFE or other plastic materials
- Elements in stainless steel, aluminium, PTFE or other plastic materials
- Filter regulators, cyclone filters and a wide range of speciality products



Classic Filters has a dedicated engineering team ready to design solutions for any specialised task.

Regulators for Fluids and Gas

UK-based Pressure-Tech has an impressive range of stainless steel pressure regulators for fluid and gas applications. It is a market-leading company that has built its success on innovation, focus on quality (ISO 9001 certified) and close co-operation with customers. Here, you can have the regulator designed to work optimally for your specific application. This is your guarantee of long-term, high reliability.



- Regulators for gas and fluid
- Regulators from 1/8" up to 8"
- Customised regulators



Pressure-Tech products are delivered worldwide through a strong network of distributors.

Products for Gas

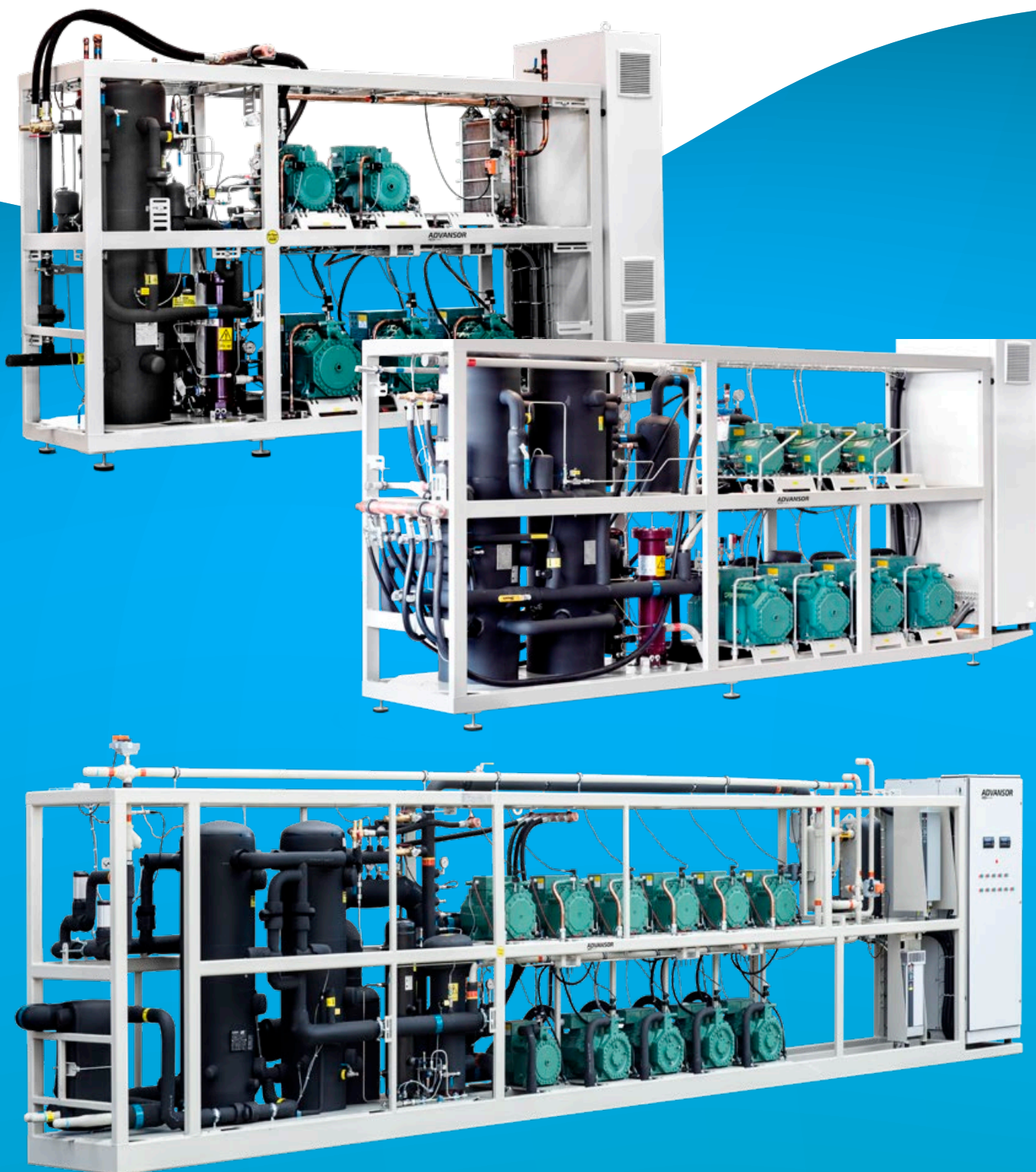
Rotarex has a “Made in Luxembourg spirit” behind every product that leaves the factories. The company has 90 years of expertise in developing and manufacturing valves, regulators and accessories for all gas applications – including ultra high purity (UHP), laboratory, petrochemical, medical, fire protection, cryogenic, LPG and industrial applications. With Rotarex, you get sublime technology and craftsmanship in a class of its own.



- Bellows and diaphragm valves
- UHP welding fittings and face seal fittings
- Regulators and solenoid valves



Rotarex's expert team helps engineers around the world optimise their gas solutions.



”

PG Flowtechnik treats all customers equally, and we have always been treated in the same positive and serious manner. They have been part of our growth and always been a great sparring partner when it comes to components, as well as a stable and reliable supplier.”

Svitlana Zyablova, Purchaser at Advansor

Fittings for leak-free connections

Hy-Lok

Hy-Lok specialises in leak-free fittings for instrumentation, pneumatics, hydraulics, fluids and other related applications. Components are available in sizes from 2 – 50 mm (1/16 – 2") and are produced in a variety of materials, such as stainless steel, brass and precious metals. Across the entire programme you are guaranteed maximum quality at competitive prices. You won't have to wait long, because Hy-Lok has a short delivery time – even for products we don't have in stock.

- Clamp ring fittings, threaded fittings, welding fittings
- UHP fittings, face seal fittings, high-pressure fittings
- Quick couplings, hoses, tools

Hy-Lok has a wide range of management and quality certifications to document the unique properties of their products.

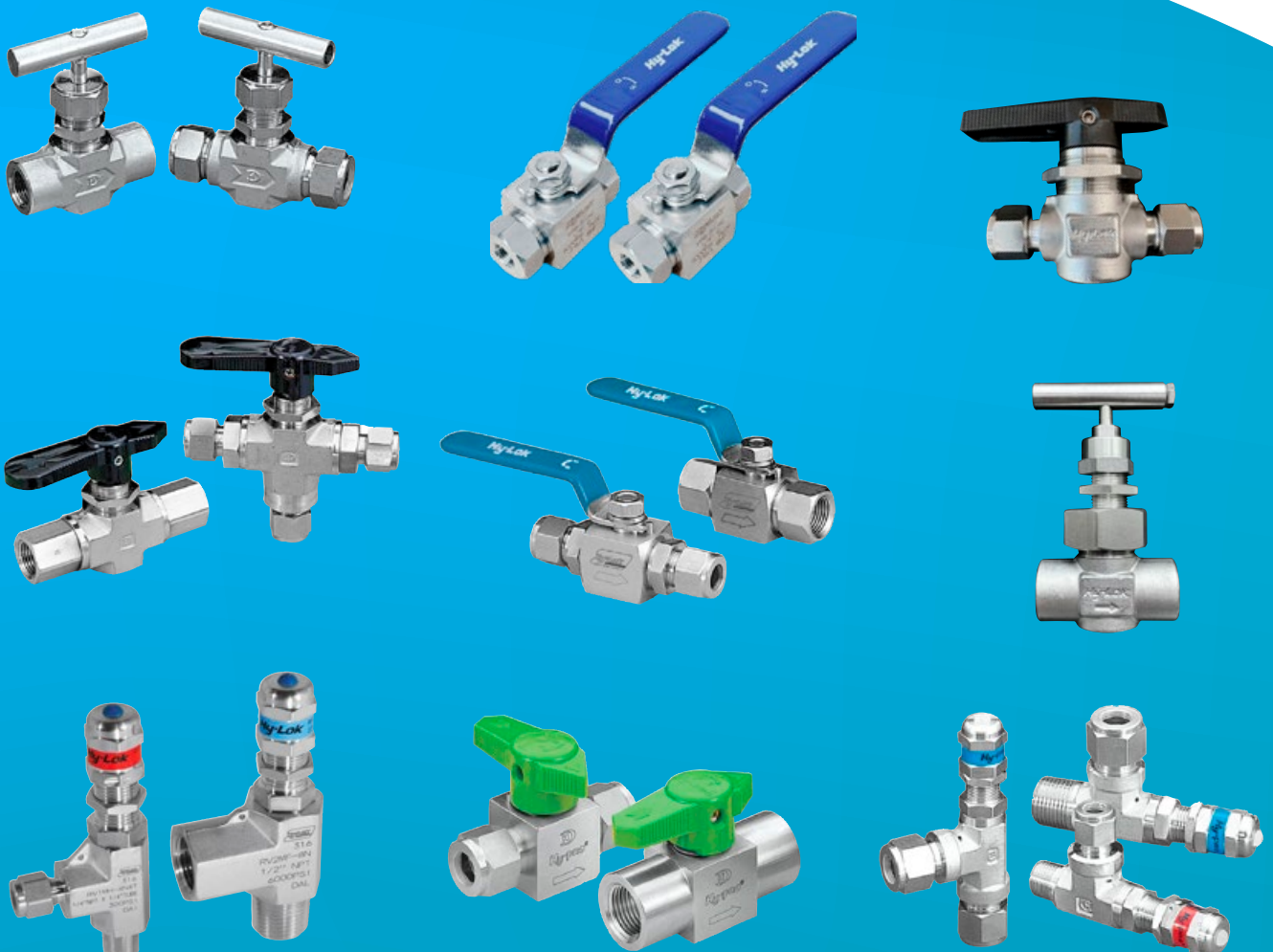


Valves in a league of their own

Hy-Lok has more than 30 years of experience supplying valves for a wide range of applications to a variety of industries. The valves can be used for instrumentation, hydraulics, cooling and pneumatics – and they can be configured to your specific requirements and be manually operated manually or actuator activated. Hy-Lok valves are quality tested to the highest standards and come with different connections in basic materials such as stainless steel, black steel, brass and special alloys.

- Ball valves, control valves, safety valves
- Check valves, diaphragm valves, filters, plug valves
- Manifolds, block & bleed valves, cryogenic valves

Hy-Lok is one of the few manufacturers that can design and deliver valves manufactured to the customer's strict specifications.



Pressure Gauges, Thermometers and Measuring Equipment

We work closely with the renowned Bourdon Haenni, synonymous with the highest quality in standardised and customised solutions for process instrumentation – including 1 tonne standards.

This means we can offer you a complete production solution that includes design, engineering, manufacturing, service, calibration, repair and training in operation of the products. In other words, you get the optimal solution for your specific challenge.

- Pressure gauges, thermometers, sensors
- Pressure transmitters, pressure switches
- Pulsation dampeners, immersion sleeves and other accessories



The "Bourdon tube" was developed by Eugène Bourdon in 1849 and remains the most common method for mechanical pressure measurement.





We only sell
tested and proven
quality products!

CALL US AT
(+45) 73 84 12 30

We know what works. At PG Flowteknik Scandinavia you are guaranteed:

- Competent advice from experts with years of experience
- Premium products from the world's leading suppliers
- Flexibility and persistence – we keep going until your solution is 100% complete



High-pressure Valves and Fittings to over 10,000 bar



With over 60 years of experience, HIP is unrivalled when it comes to reliable high-pressure products. The company has developed a complete line of high-performance components and systems designed to ensure leak-free operation at pressures up to 150,000 psi. This makes HIP a preferred supplier to many different industries, such as waterjet cutting and cleaning, oil and gas, chemical and petrochemical, research & development and general industry.

- Valves, fittings and high-pressure pipes (from 689 to over 10,000 bar)
- Control, shut-off and safety valves
- Pressure tanks and other accessories



With an extensive inventory, we can typically deliver high-pressure products in less than a week. Fast dispatch is also available for custom orders.



PED-approved Safety Valves

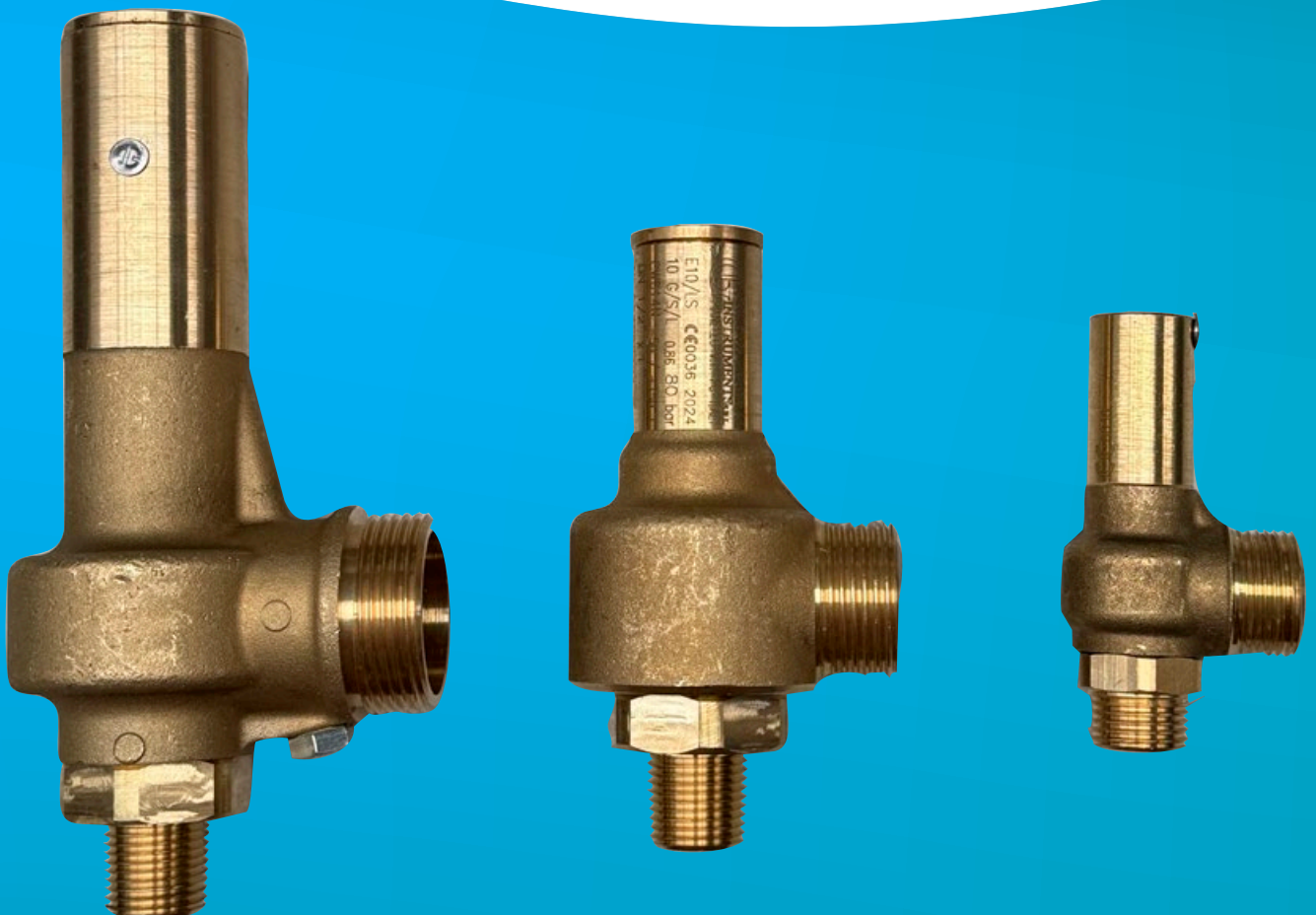
Hy-Lok



We offer a very wide range of high-quality safety valves from several leading suppliers, including Nuova, Seetru and Hy-Lok. This means we can supply safety valves for the vast majority of solutions in stainless steel (303 and 316), brass and other materials. The majority of valves come with PED approval and an opening pressure that can be set according to your requirements. Operating pressure ranges from vacuum to 700 bar and operating temperature from -196° to 288°.

- Safety valves
- Non-return valves
- 3-way valves for redundant safety valves

We supply safety valves to customers throughout Scandinavia in industries ranging from textile production to aerospace.



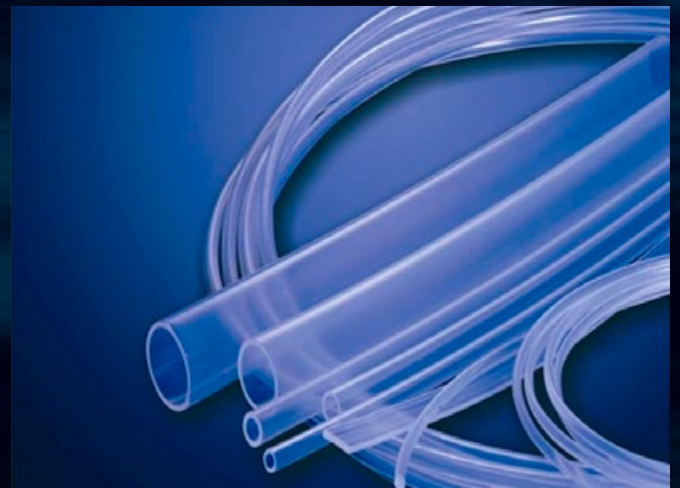
Pipes and Hoses

PG Flowtechnik stocks a wide range of stainless, seamless and annealed pipes in metric and inch dimensions. Sizes start at 1.59 mm OD (1/16" OD) and end at 42 mm OD, and are available in 316 and 316L material (some in 316Ti).

The pipes are typically multi-certified to international specifications, such as ASTM A269, ASTM A213 and EN10216-5, and come in 6-metre lengths as standard. Some pipes can also be delivered on a roll. If you have special requirements, we can also fulfil these at competitive prices.

- Stainless steel pipes in lengths, rolls and bundles
- Stainless steel and PTFE/PFA hoses
- Pipe holders

We also have plenty of hoses in our range – both steel hoses with internal Teflon or metal bellows as well as PTFE and PFA hoses for lower pressure.



Our solutions find their way into all kinds of industries

Our many years of experience in the instrumentation and process control industry create value for our customers, which ensures solutions that work for years to come.

- Industrial Gas
- CO2 Cooling
- Oil and Gas
- Pharmaceutical industry
- Chemical industry
- Alternate Energy/PtX
- Food and Beverage
- Laboratories



Nozzles for all purposes

Delavan has been around since 1935 and is characterised by sublime quality – which is why the company is certified according to ISO 9001:2015.

As a Delavan reseller, we have everything worth having in general-purpose nozzles and spray-drying nozzles. Delavan manufactures over 30,000 different components for virtually every industry – from food to power plants.

Delavan has also developed a unique spray-drying system that ensures versatility through a wide range and customised solutions. There is a choice of materials to ensure optimal service life and a technical service to help all customers achieve the best possible product build.

- Flat fan nozzles
- Hollow and full-cone nozzles
- Spray-drying nozzles

DELAVAN



Equipment for Tank Cleaning



GEA

 BRECONCHERRY

Since 2008, PG Flowtechnik has been working with GEA/Breconcherry as a supplier of CIP and tank-cleaning nozzles. The company has the largest range of nozzles on the market by far, as well as sprinkler heads for internal cleaning of process tanks, storage tanks, chemical reactors and transport containers.

You get premium functionality for virtually any application. We'd be happy to show you the possibilities.

- Rotary cleaners
- Orbital and index cleaners
- Static cleaners

GEA Brenconcherry is known for providing world-class service, including very short delivery times.




Tools for Pipes and Fittings

At PG Flowtechnik, our toolbox has a wide range of offerings. Our shelves are stocked with the tools you need to install your pipes and fittings. Tools for cutting and smoothing the pipe, and tools for bending the pipe with a high level of precision. Also, there is of course a gauge so you can measure if the fitting has been tightened 100% correctly. Please note that you can order our pre-tensioning tools in both manual and automatic versions. No matter which tool you order, you can be sure you're getting the best possible quality. Only the best is good enough for our fittings.

- Pipe benders and pipe cutters
- Pre-tensioning tool
- Measuring gauge and thread tape

All our tools are hand-picked from different suppliers and thoroughly tested to ensure high quality and long service life.





” PG Flowtechnik is fast and reliable in their technical proposals and delivers on time. We consider PG Flowtechnik a team member rather than a common supplier when we build complex equipment to conduct small, medium and full scale tests.

Troels Antvorskov,
Test engineer at National Oilwell Varco

We have a huge range of specialised valves for all kinds of needs. We will be happy to help you find the valve that works best for your solution.



Specialty Valves

At PG Flowtechnik, we have virtually everything in speciality valves. In addition to Hy-Lok's impressive range, we stock Habonim ball valves for extreme needs and high-quality valves from Hamai.

If you need a larger quantity, our manufacturers in the East can deliver at very favourable prices.

If you have special requirements for gaskets, extreme temperatures, connections or anything else, we are sure we can help. L- or T-port balls, extended handles and manual return handles – set your imagination free! If we can't find it, we'll have it made.



We develop the solution ourselves

At PG Flowtechnik, we also design and develop our own valves. This is done when the product is not available on the market, or if the quality needs to be of better standard.

For example, we have developed an ultra-compact on/off double valve with built-in actuator, a sanitary valve for the pharmaceutical industry and a sampling valve designed to take oil samples from tankers.

Do you have special requirements for your solution that cannot be met with existing valves on the market? Then we are here to work closely with you to develop the exact customised valve that you need.

We have a huge range of specialised valves for all kinds of needs. We will be happy to help you find the valve that works best for your solution.





We arrange Hy-Lok Training Courses throughout the year

Call us at (+45) 73 84 12 30 to learn more and book a seat for our next training course. The course lasts one day and concludes with an exam and a certificate.



Do you and your colleagues work with fittings and pipes on a daily basis?

Then it's crucial that you choose the right solutions and install them correctly. Our certified trainers continuously educate our customers so they can safely navigate the common pitfalls. Even small mistakes can have fatal consequences and be costly.

During the course, we will cover the following topics:

- Which materials provide the optimal solution for your installation?
- What are the risks of combining different materials?
- How do you read and understand the manual correctly?
- Which wall thicknesses are optimal for a given installation?
- How do you use temperature charts correctly?
- How do you install double compression fittings correctly?



DENMARK
Metalgangen 13
DK-2690 Karlslunde
Denmark
+(45) 73 84 12 30
info@pgflowteknik.dk
www.pgflowteknik.dk

SWEDEN
www.pgflowteknik.se
+(46) 70 684 1230