

# We've got your six

## 9950 Six-Channel Transmitter



# Six channels and advanced functionality

This 9950 combines the easy setup of a transmitter with the versatility of a controller. Compact yet powerful, the 9950 transmitter offers up to six user-configurable channels. With six channels, you can save real estate on your panel by purchasing a single controller in a 1/4 DIN package. Sensors connected to the 9950 can be wired in a daisy chain configuration to save on wiring costs as well.



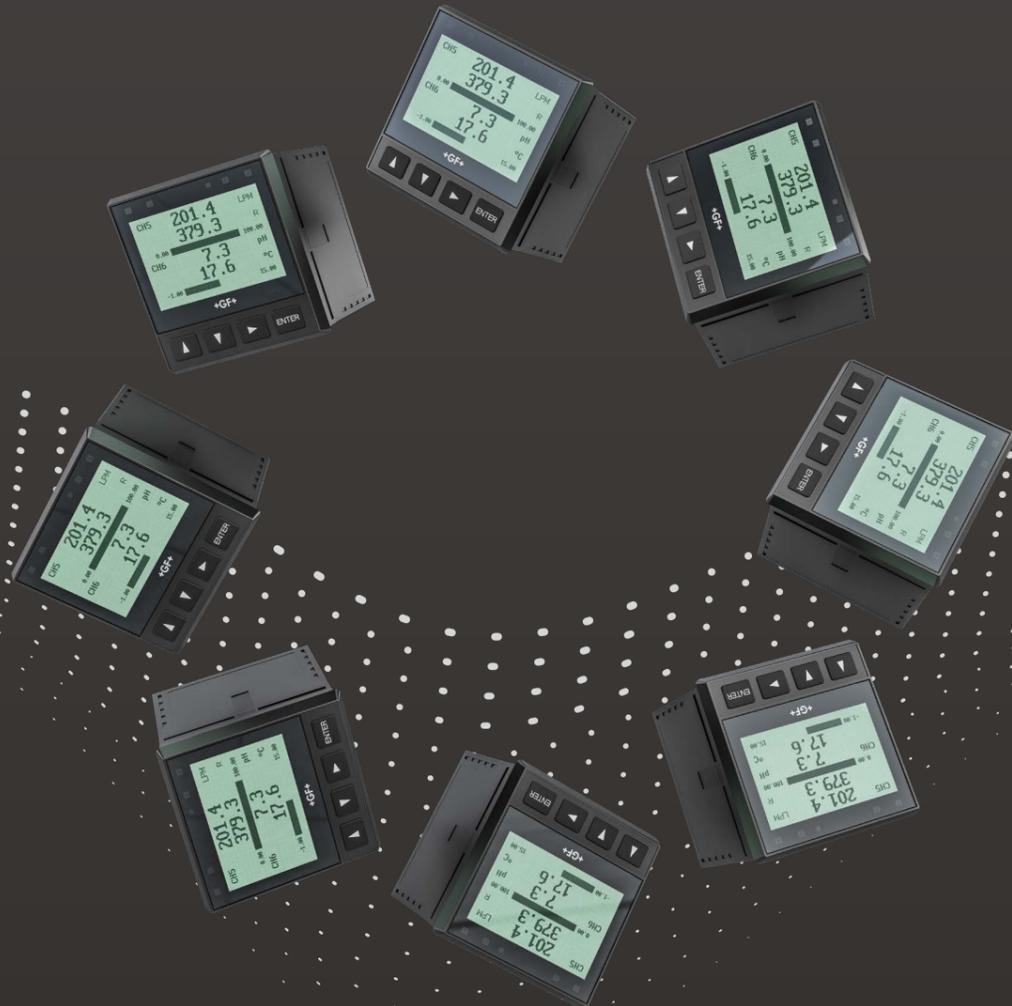
At GF Piping Systems, we are committed to providing full solutions that run seamlessly. With the time-tested 9950 Six-Channel Transmitter, your system can be fully automated, allowing your application to work consistently for you.

#### Key applications

Creating a reliable system to keep your application functioning is your top priority. The 9950 Six-Channel Transmitter is suitable for many water treatment applications:

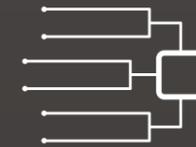
- Deionization
- Chemical manufacturing / addition
- Cooling tower
- Chemical dosing / injection
- Aquatic life support
- Pools & fountains
- Rinse Tanks
- Chemical neutralization

# Take control of your system



## Easy setup

Save time with automatic GF Piping Systems sensor recognition.



## Streamlined system

With six inputs, installations can be consolidated into a single controller.



## Compact size

Fit into the tightest spaces without compromising utility.



## Advanced capabilities

Built-in math and logic functions provide precise water quality calculations.



## 100% customizable

The 9950 is fully configurable and modular to fit your system's needs.



## Mitigate risks

Quickly respond to sensor/system failure with visual alarm cue.

# A true multiparameter transmitter



Up to six  
**4–20 mA**  
outputs options

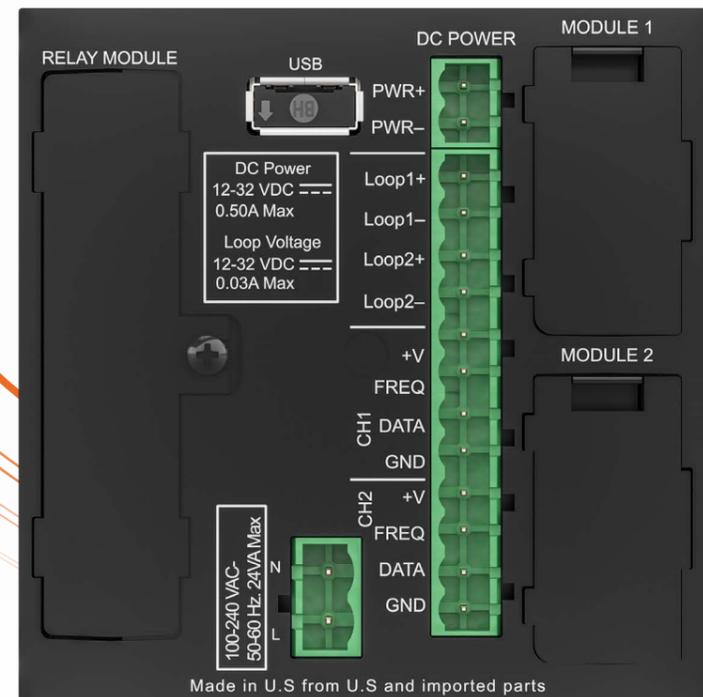
Up to **eight**  
**mechanical**  
**relay** output options

Up to **four**  
**binary inputs**  
in addition to the  
six sensor inputs

Input power options  
**VAC or VDC**

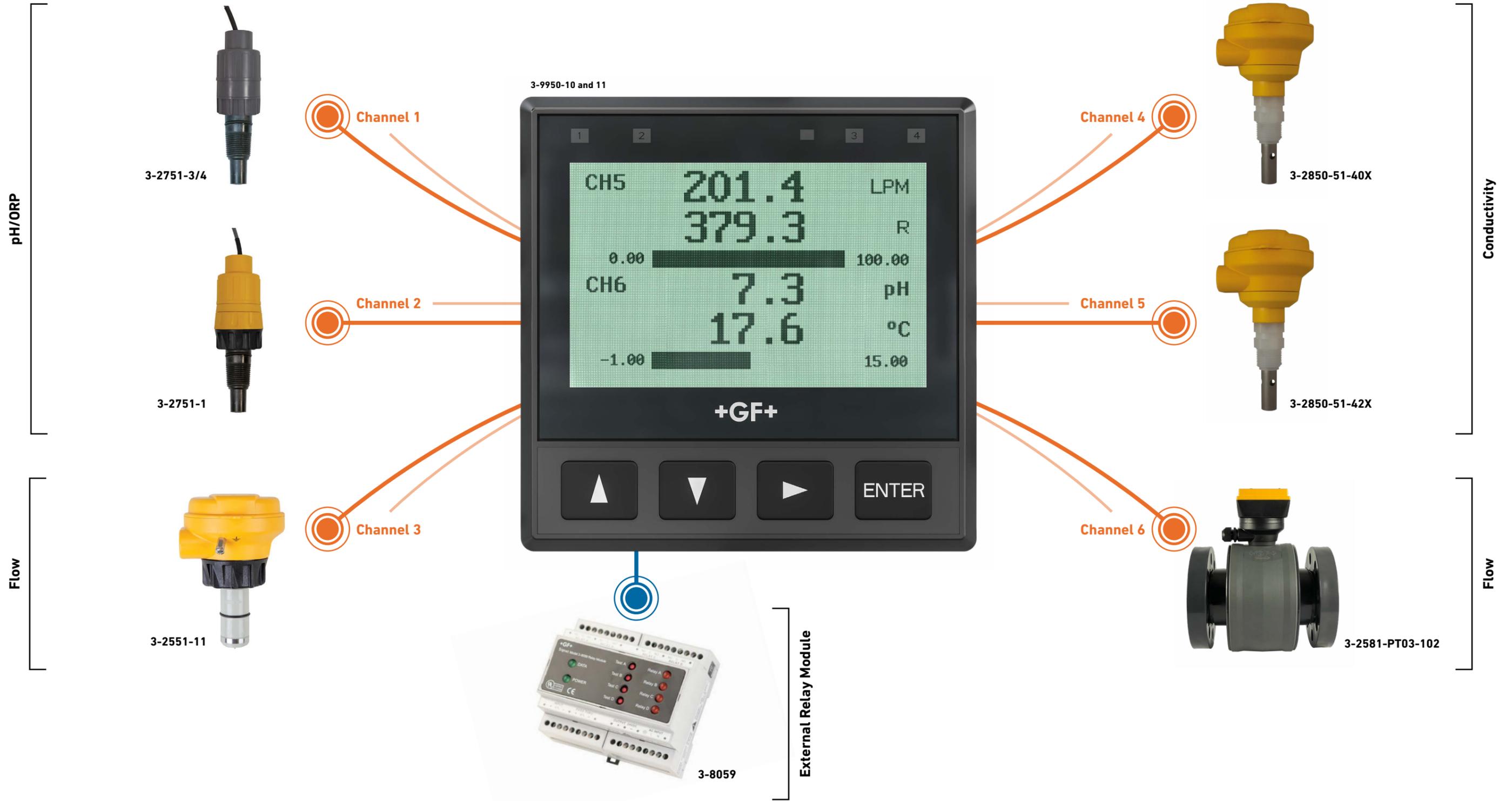
Improved ability to do  
**derived and**  
**Boolean**  
**functions**

Optional  
**ModBus RTU**  
**output**



# Extensive compatibility

With automatic recognition of GF Piping Systems sensors, operating your application from a single point is seamless. Compatible with the full GF Piping Systems portfolio of flow, pH/ORP, conductivity, resistivity, pressure, temperature and level sensors. Additionally, when adding GF Piping System valves and actuators, the 9950 Six-Channel Transmitter becomes a powerful solution.



Together as one

# We make Process Automation easy

GF Piping Systems is your experienced partner with a full portfolio of measurement, control, actuation components, and valves, which are easy to install and use, and have local support through all project phases. We offer the full package with our products and solutions, providing top-quality installation, a highly skilled team of experts standing by our customers' side every step of the way worldwide, and digitalized services ensuring a project is at the forefront of the market.

## One user experience across the whole control loop

### Accurate measurement is the basis for reliable process control

Physical parameters as well as analytics, including installation fittings, for an effortless combination.

### Precise control throughout your automation loop

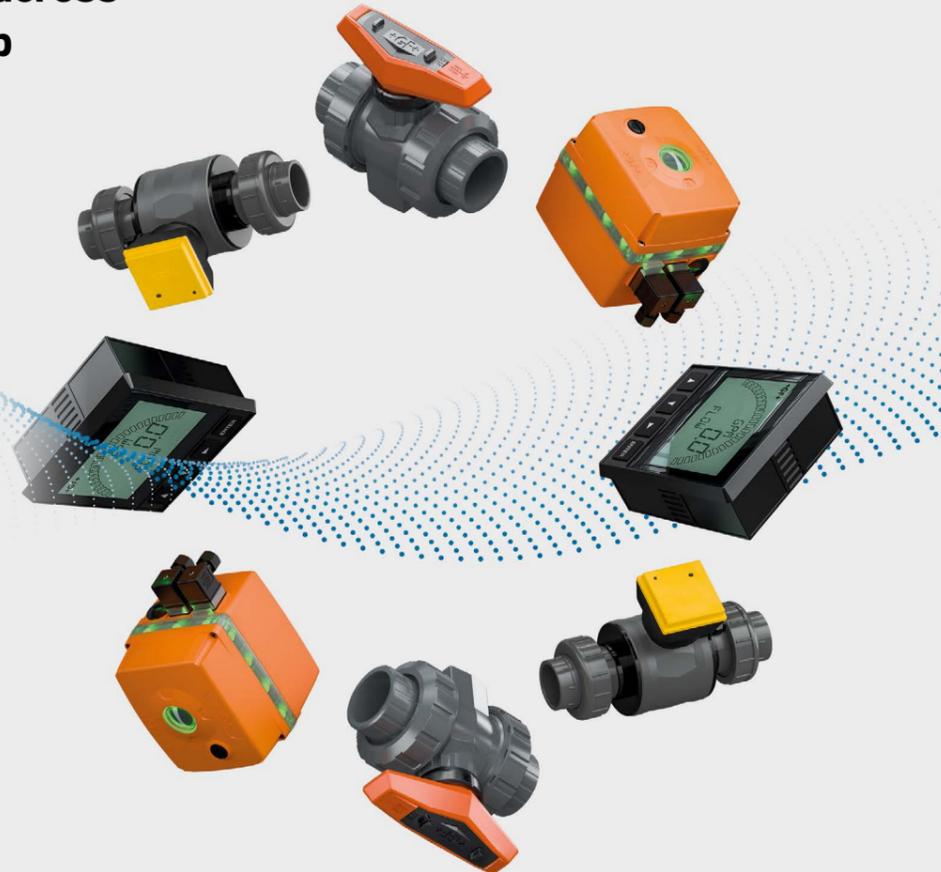
Single or dual channel with additional control capabilities.

### Reliable actuation with configuration flexibility

Electric and pneumatic actuators for high flexibility on standardized valve interfaces. A wide range of accessories complete our actuation portfolio.

### The right valve for your application

Ball Valves, Butterfly Valves, Diaphragm Valves, and various process valves including pipe connections that make installation a breeze.



[www.gfps.com/processautomation](http://www.gfps.com/processautomation)

Specialized Solutions

# Ready when you are

With Specialized Solutions, the global leader GF Piping Systems provides project support every step of the way to achieve construction excellence. Allowing owners and planners to concentrate on their daily business without interruption.



### Custom product design and prefabrication

Having your individual needs and application in focus, our customizing teams forge the solution that fits you best, developing custom-made parts to complete systems or special solutions produced in small series, individual consulting and off-site prefabrication.



### Digital libraries

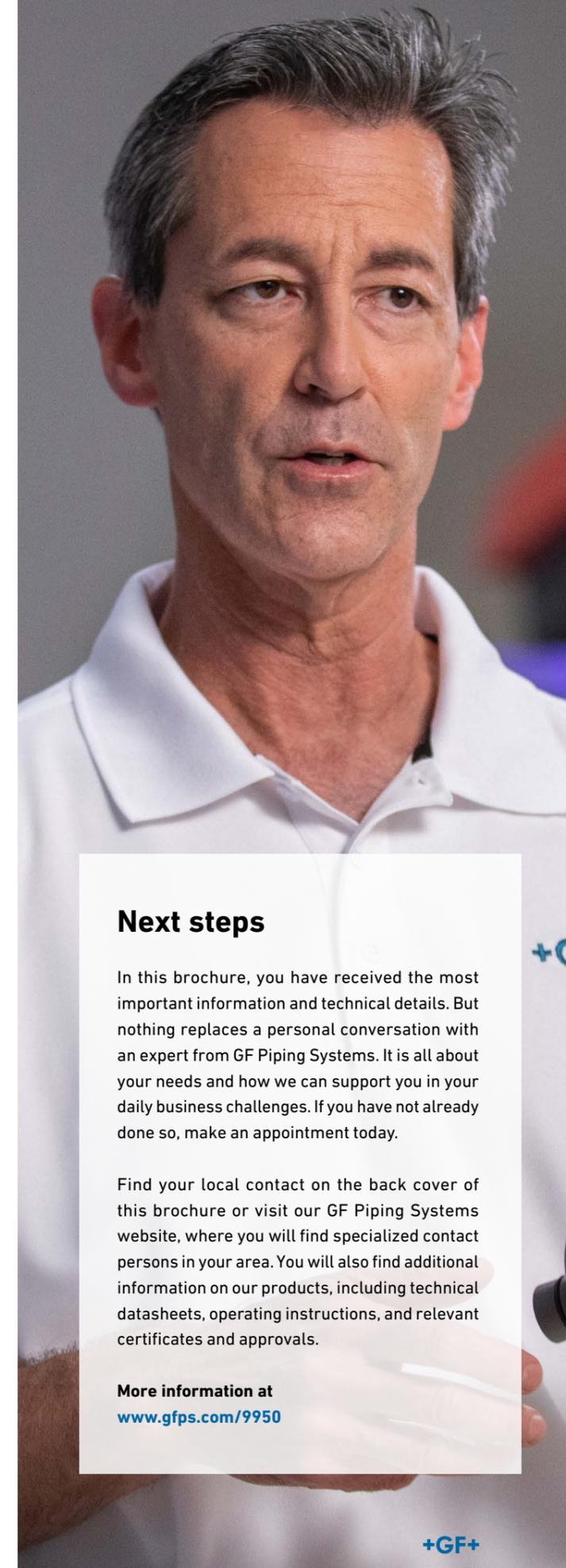
The libraries cover three key areas for the design, creation, and maintenance of a project: Building Information Modeling, the Plant Design Software, and the CAD Library, helping you reduce costs and construction times.



### Engineering

Increase the efficiency of your project with the tailor-made analysis packages from GF Piping Systems and decide which offer is right for you according to your needs. You have the choice between Project Analysis and Advanced Engineering, thus always receiving the appropriate support in every phase of your project. Established knowledge, guiding you through.

[www.gfps.com/specialized-solutions](http://www.gfps.com/specialized-solutions)



## Next steps

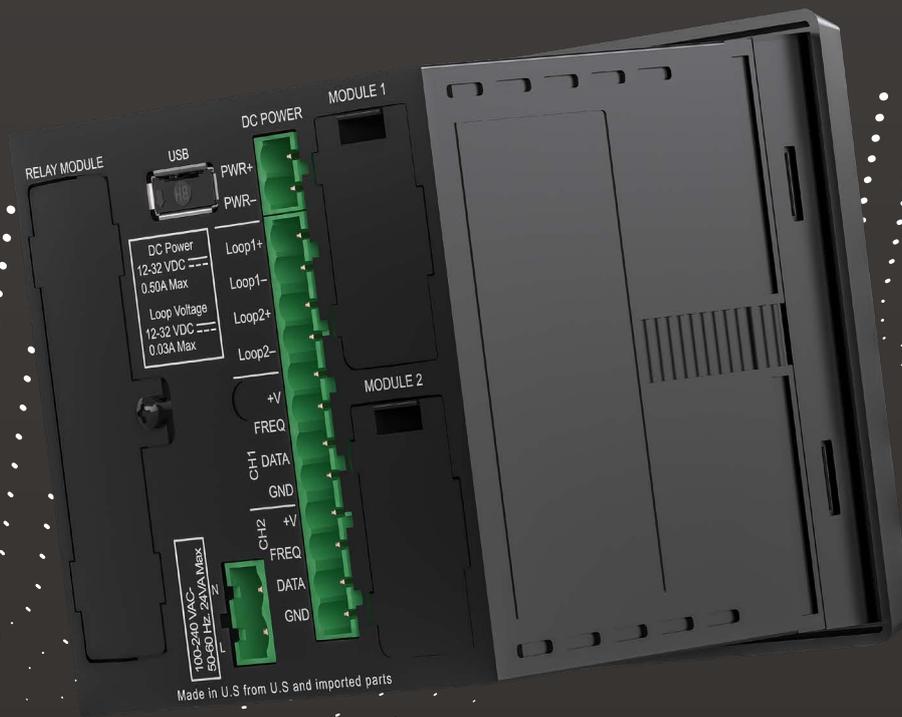
In this brochure, you have received the most important information and technical details. But nothing replaces a personal conversation with an expert from GF Piping Systems. It is all about your needs and how we can support you in your daily business challenges. If you have not already done so, make an appointment today.

Find your local contact on the back cover of this brochure or visit our GF Piping Systems website, where you will find specialized contact persons in your area. You will also find additional information on our products, including technical datasheets, operating instructions, and relevant certificates and approvals.

More information at  
[www.gfps.com/9950](http://www.gfps.com/9950)

# Local support around the world

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[www.gfps.com/our-locations](http://www.gfps.com/our-locations)



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