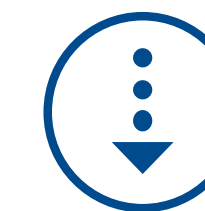


Tap to get started



# Overpressure Protection Solutions

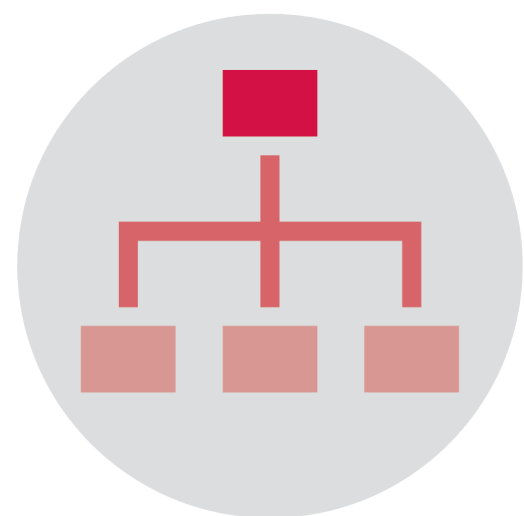
Regulators, Valves, Actuators,  
Transmitter, Monitoring  
System & Services



## How do you determine the right pressure protection for your distribution network?



Tap for more



**Complex Safety System**



**Regulatory Compliance**



**Personnel Upskilling**



Safety will always be the number one priority for the natural gas industry. In addition, upskilling personnel, complying with changing regulations and selecting reliable partners are pressing challenges.

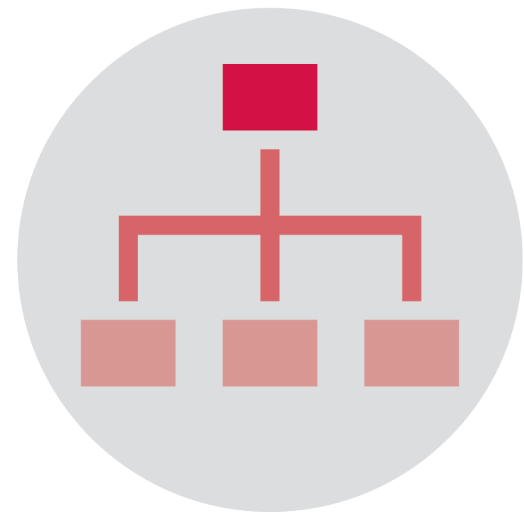
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## How do you determine the right pressure protection for your distribution network?



Tap for more



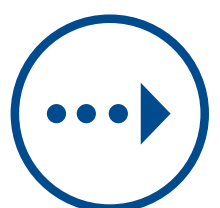
***“Natural gas utilities spend \$22 billion annually to help enhance the safety of natural gas distribution and transmission systems.”***

– American Gas Association



Safety will always be the number one priority for the natural gas industry. In addition, upskilling personnel, complying with changing regulations and selecting reliable partners are pressing challenges.

Click for more

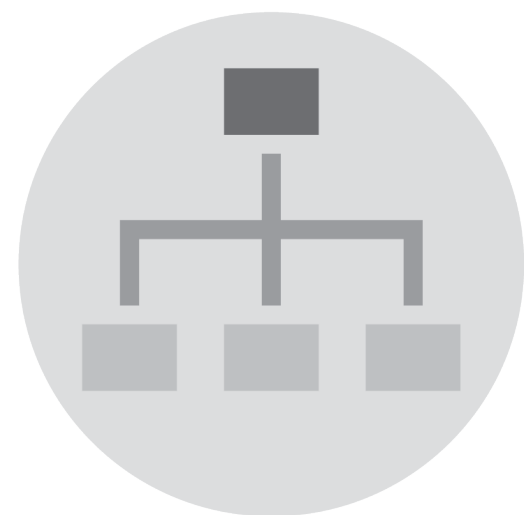




# How do you determine the right pressure protection for your distribution network?



Tap for more



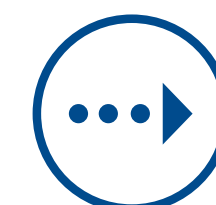
*“Many large utilities now spend multiple billions of dollars each year on suppliers, amplifying traditional risks.”*

– BCG.com, How Utilities Can Manage Supplier Risk



Safety will always be the number one priority for the natural gas industry. In addition, upskilling personnel, complying with changing regulations and selecting reliable partners are pressing challenges.

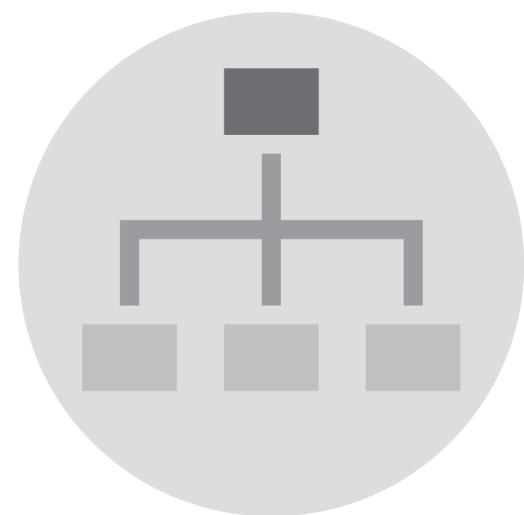
Click for more



## How do you determine the right pressure protection for your distribution network?



Tap for more



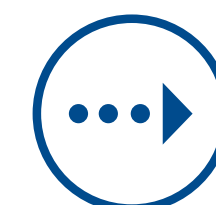
***The Natural Gas distribution industry states 23% of the workforce is over the age of 55.***

– U.S. Bureau of Labor Statistics



Safety will always be the number one priority for the natural gas industry. In addition, upskilling personnel, complying with changing regulations and selecting reliable partners are pressing challenges.

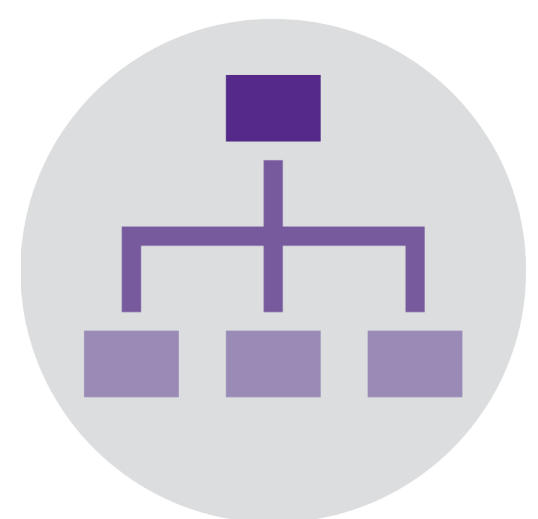
Click for more





# What if you could improve your network efficiency, reliability and safety to help mitigate overpressure or underpressure events?

Tap for more



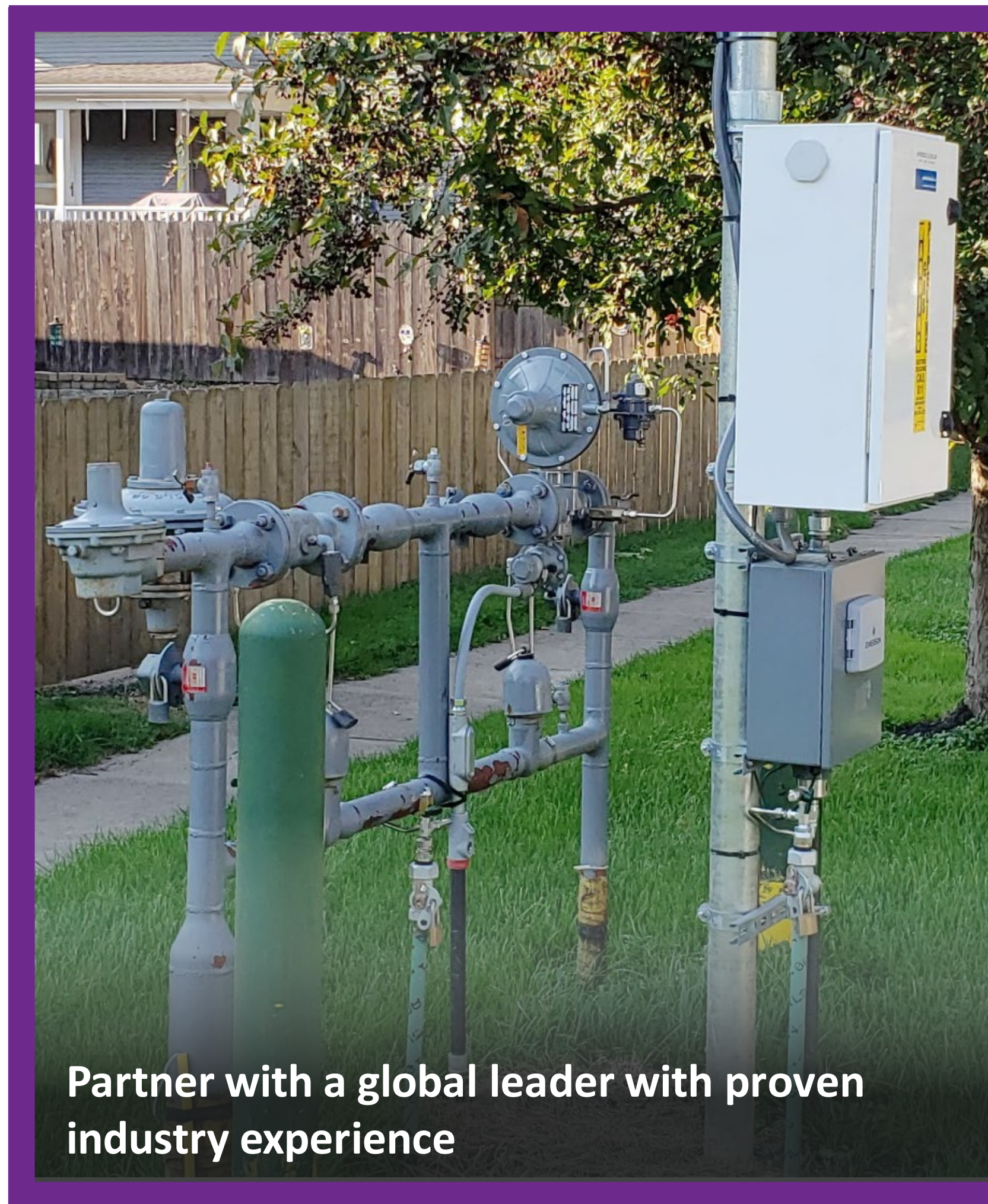
**Complex Safety System**



**Regulatory Compliance**



**Personnel Upskilling**



**Partner with a global leader with proven industry experience**

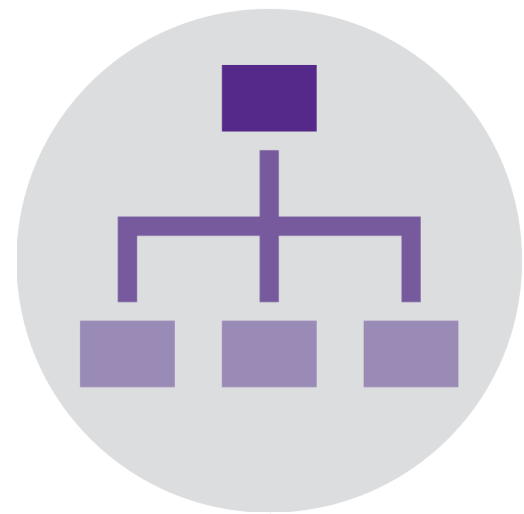
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# What if you could improve your network efficiency, reliability and safety to help mitigate overpressure or underpressure events?

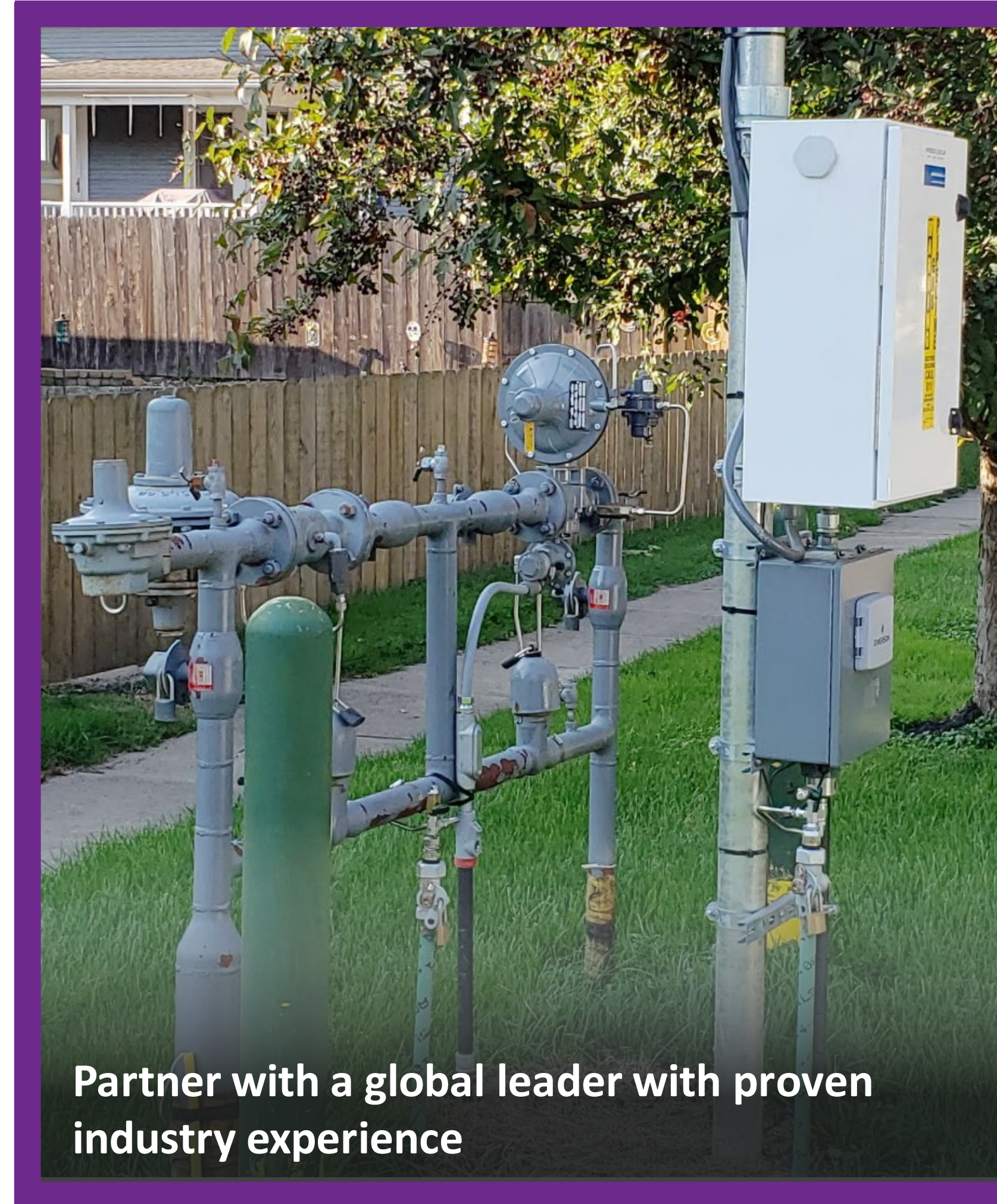
Tap for more



## Reduce complexity without sacrificing flexibility



- ▶ Extensive product portfolio to suit your network's OPP requirements
- ▶ Modular and customizable options to meet specific applications and operating conditions
- ▶ Eliminate supplier inefficiencies by partnering with a global leader that provides the complete solution



**Partner with a global leader with proven industry experience**

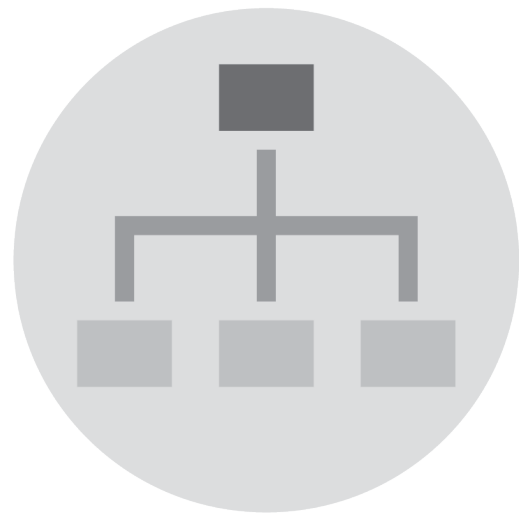
Click for more





# What if you could improve your network efficiency, reliability and safety to help mitigate overpressure or underpressure events?

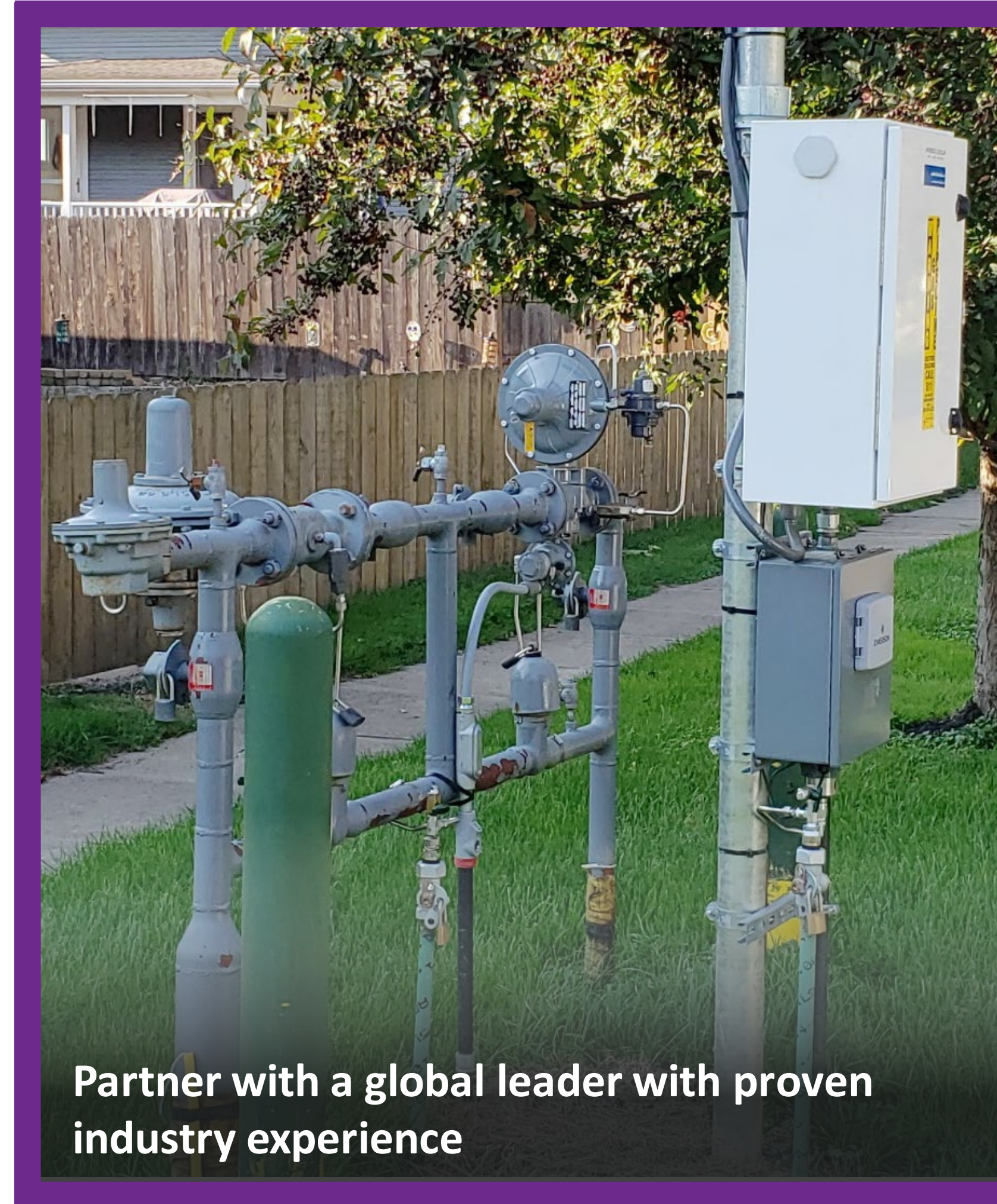
Tap for more



## Minimize risk associated with regulatory compliance



- ▶ Knowledgeable industry experts to help you navigate impending regulations and ensure compliance
- ▶ Scalable solutions that can accommodate requirements as regulations evolve in the future
- ▶ A well-connected Impact Partner network providing global as well as localized expertise



**Partner with a global leader with proven industry experience**

Click for more







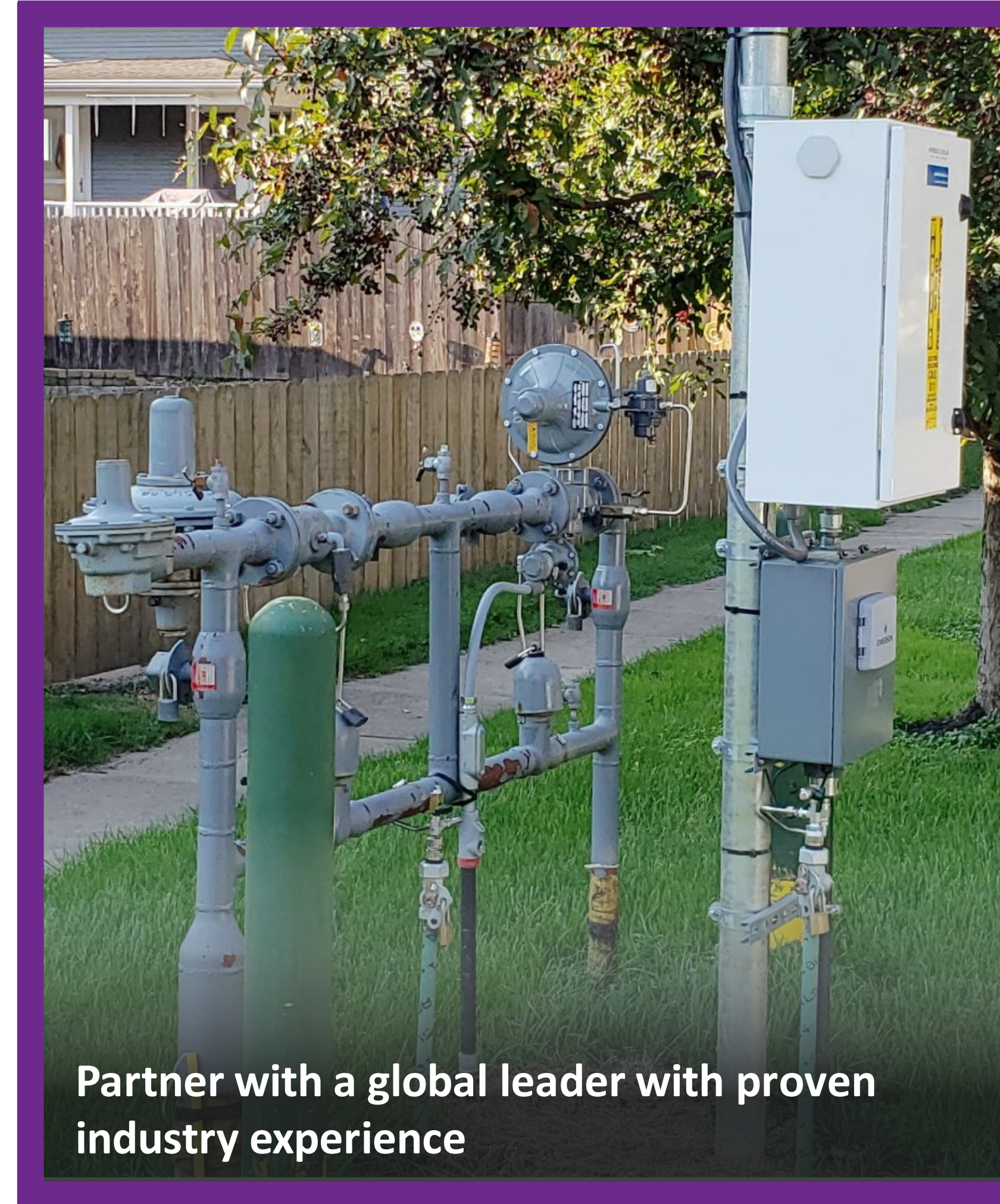
# What if you could improve your network efficiency, reliability and safety to help mitigate overpressure or underpressure events?

Tap for more



## Upskill personnel through tailored training options & lifecycle services (X)

- ▶ Technical expertise to help aid your organization in the selection and implementation of OPP solutions
- ▶ Tailored learning opportunities available, and established robust training programs through Emerson and our partner network
- ▶ Network of support specialists available for product lifecycle management



**Partner with a global leader with proven industry experience**

Click for more





# Discover how Emerson can help you protect, monitor and control your system through a complete portfolio of overpressure protection solutions.

Which overpressure protection system solves your challenge?

## Protect

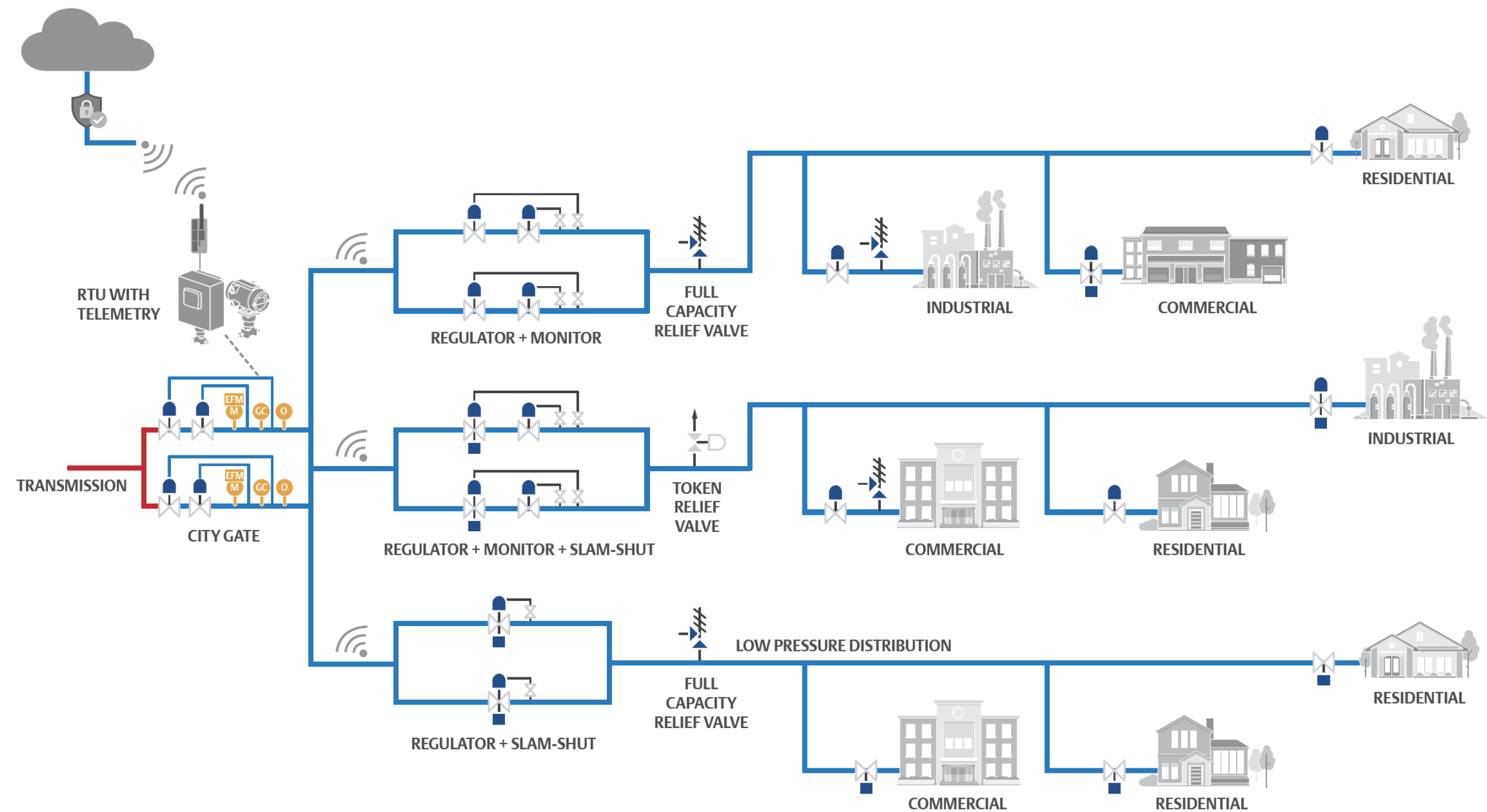


Tap for more

- Regulator Monitor with Full Capacity Relief
- Regulator Monitor with Slam-Shut
- Regulator, Slam-Shut & Full Capacity Relief

## Monitor & Control

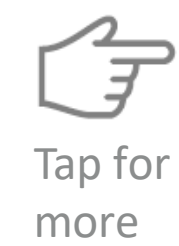
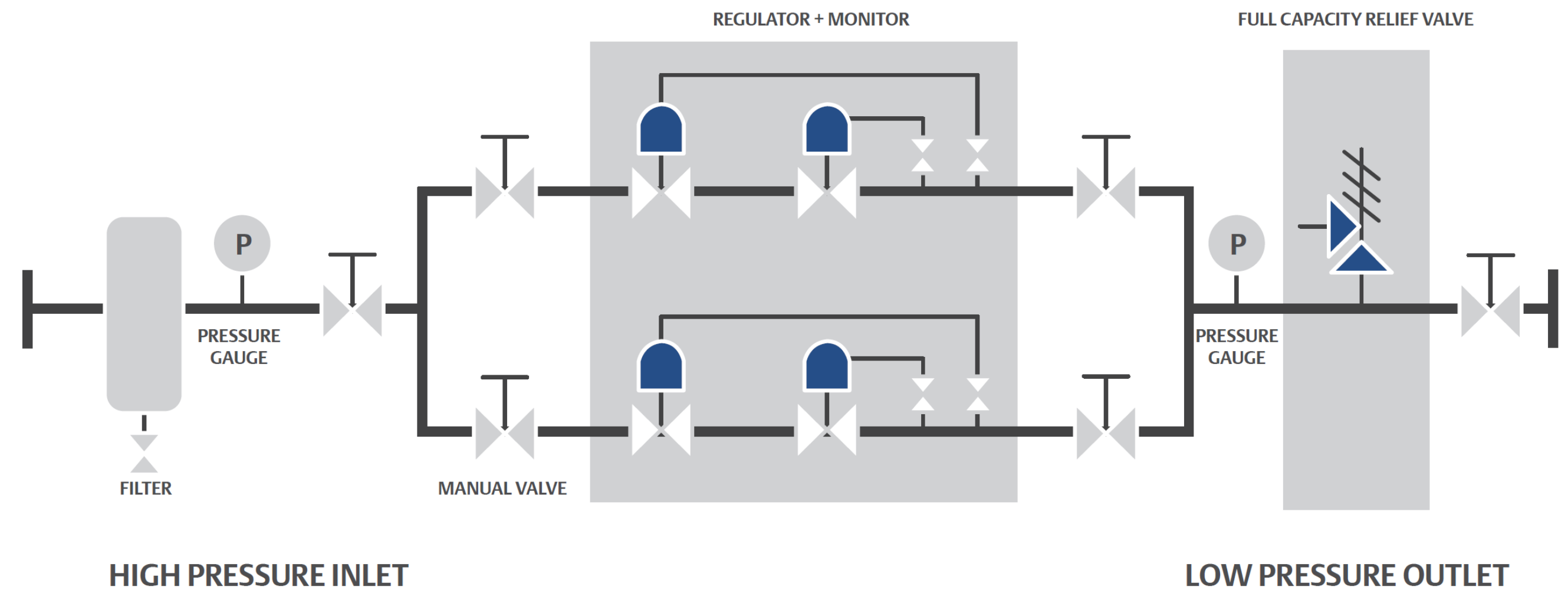
- General Monitoring and Recording
- Advanced Monitoring, Control & Flow Measurement
- SCADA Monitoring
- Training and Lifecycle Services





## Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.

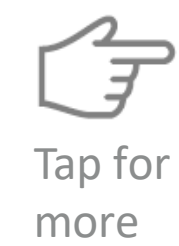
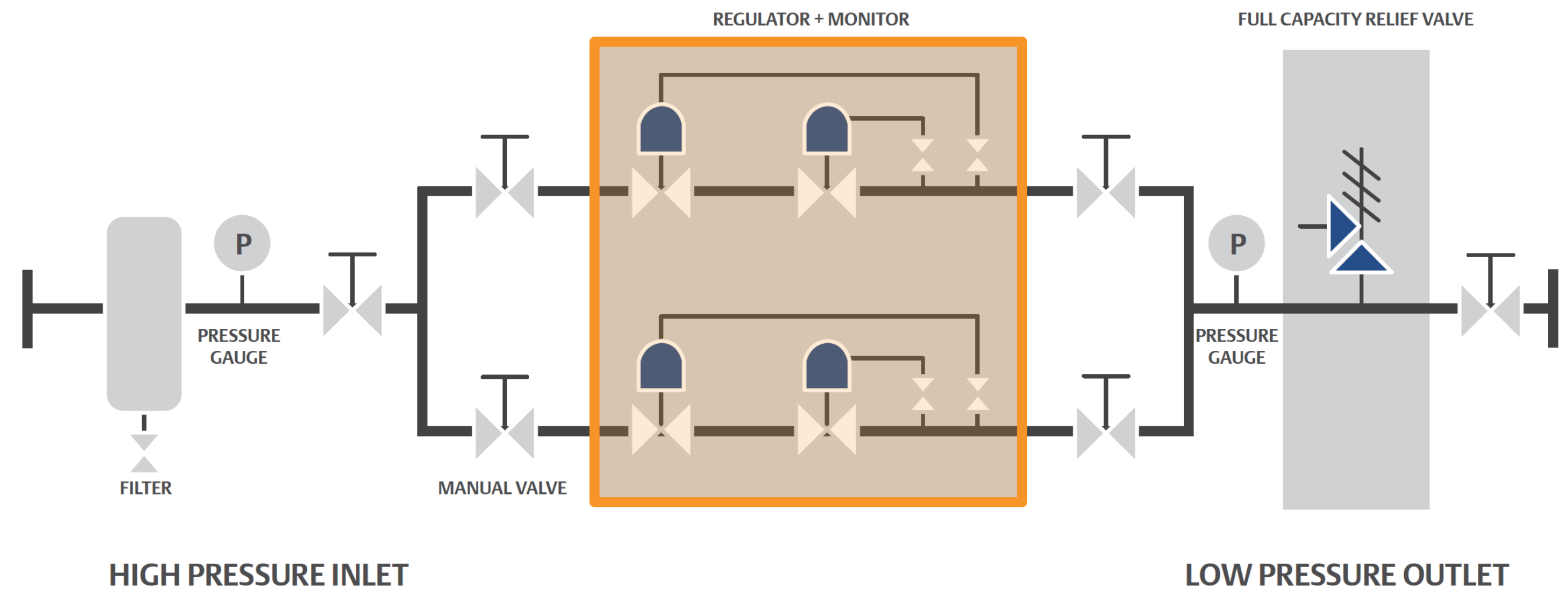


- [Regulator Monitor Systems](#)
- [Section VIII Pressure Relief Valves](#)
- [Non-Section VIII Relief Valves](#)



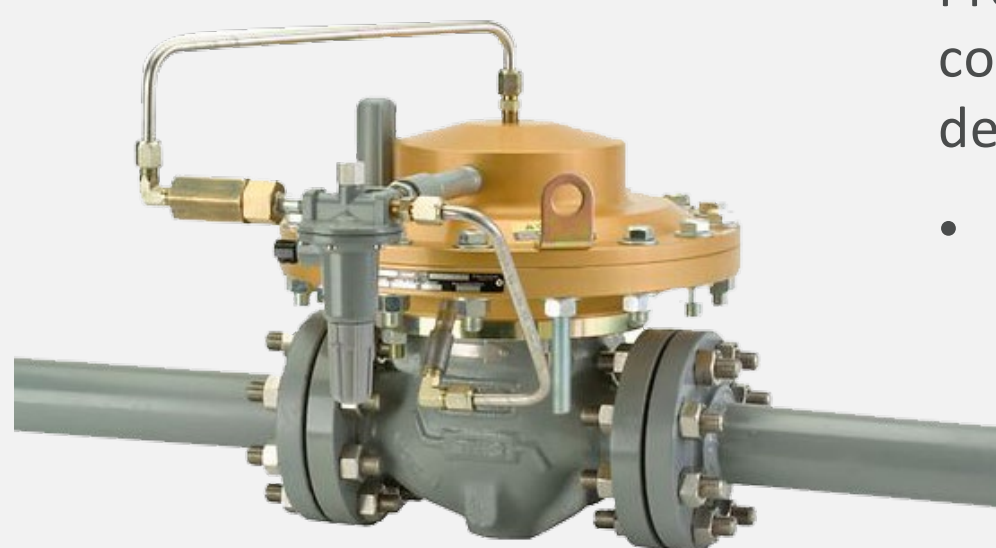
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- Regulator Monitor Systems
- Section VIII Pressure Relief Valves
- Non-Section VIII Relief Valves

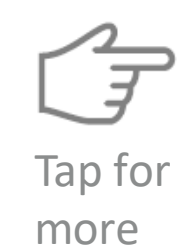
## Regulator Monitor Systems



Provides stable and accurate downstream pressure control regardless of inlet pressure variations or demand changes

- Can accurately control at pressure differentials as low as 2.9 psid / 0.2 bar d

[Fisher Type EZL product webpage](#)



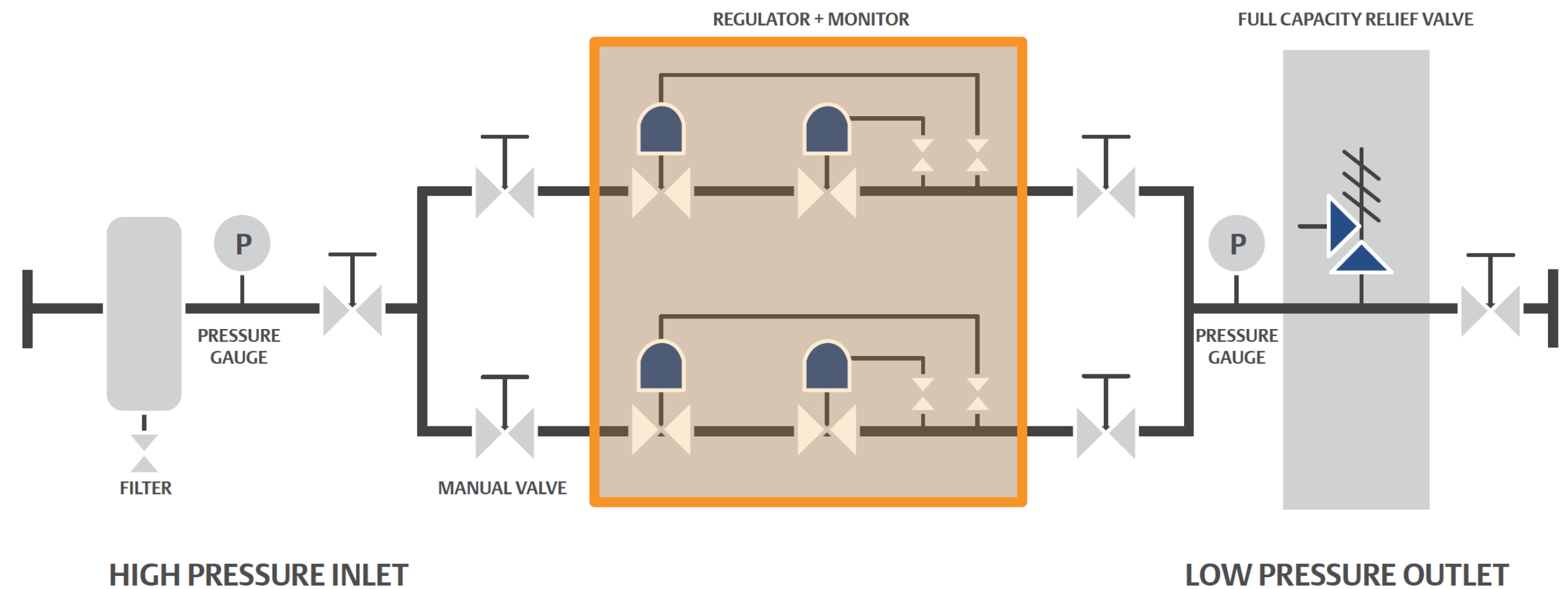
- Fisher Type EZL
- Fisher Type EZR
- Fisher Type 299H
- Fisher Integral True-Monitor

[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



Tap for more

[Regulator Monitor Systems](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Regulator Monitor Systems



Provides smooth, quiet operation, tight shutoff and long life, even in dirty service

- The specially engineered flow path, along with the metal plug, allows flow through the regulator without seat impingement

[Fisher Type EZR product webpage](#)



Tap for more

[Fisher Type EZL](#)

[Fisher Type EZR](#)

[Fisher Type 299H](#)

[Fisher Integral True-Monitor](#)

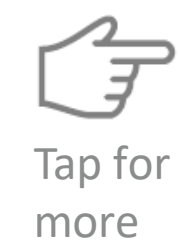
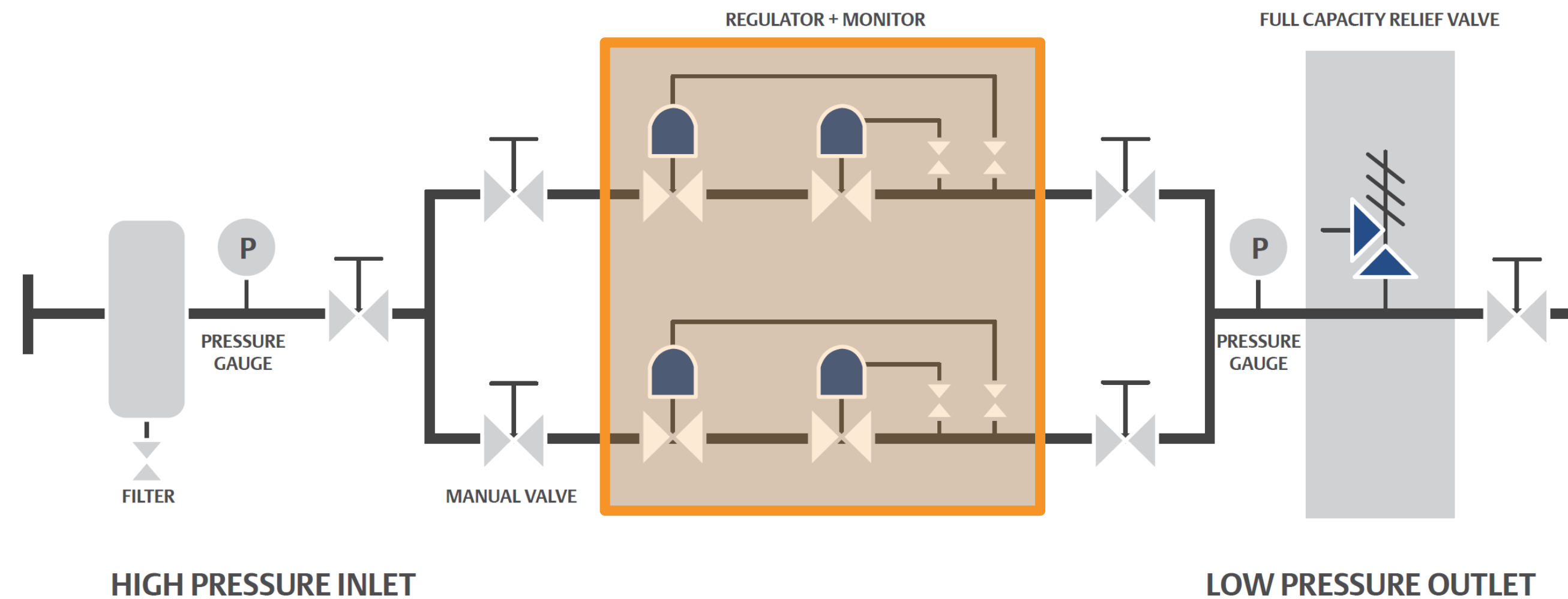


[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



- Regulator Monitor Systems
- Section VIII Pressure Relief Valves
- Non-Section VIII Relief Valves

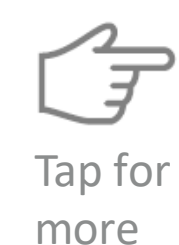
## Regulator Monitor Systems



Compact high-capacity regulator with unique no-bleed monitor system

- Flexible worker/monitor system setup that allows for bleed to be piped to the intermediate piping thus eliminating downstream bleed which reduces lost and unaccounted for gas

[Fisher Type 299H product webpage](#)



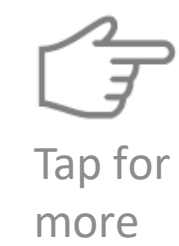
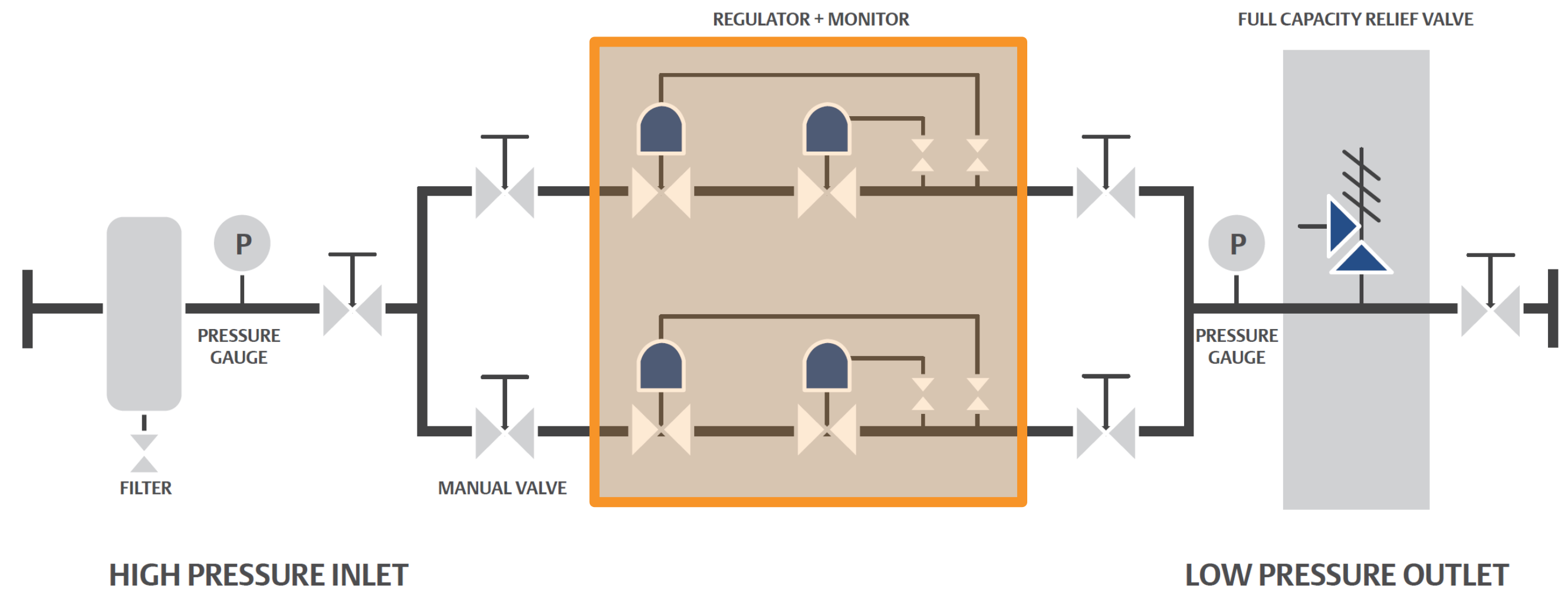
- Fisher Type EZL
- Fisher Type EZR
- Fisher Type 299H**
- Fisher Integral True-Monitor

[All Applications](#)



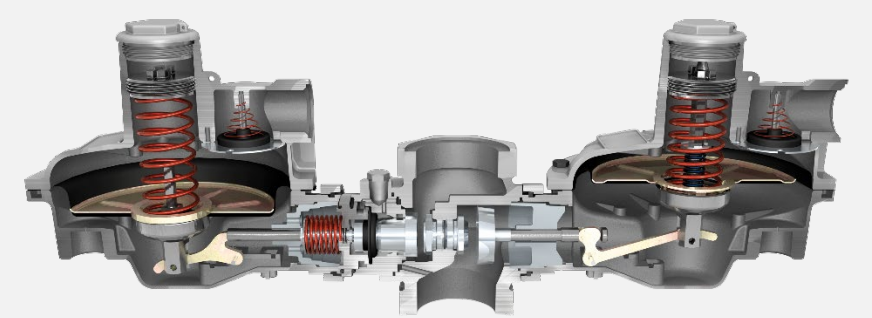
# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



- Regulator Monitor Systems
- Section VIII Pressure Relief Valves
- Non-Section VIII Relief Valves

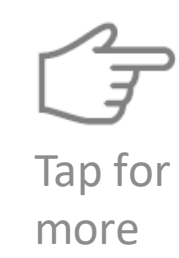
## Regulator Monitor Systems



Offers increased outlet setpoint capabilities and provides the True Monitor™ protection

- Combines the operation of a conventional two-regulator wide-open monitor set into one device without the need for a downstream control line

[Fisher Commercial Service webpage](#)



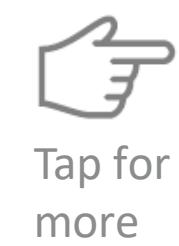
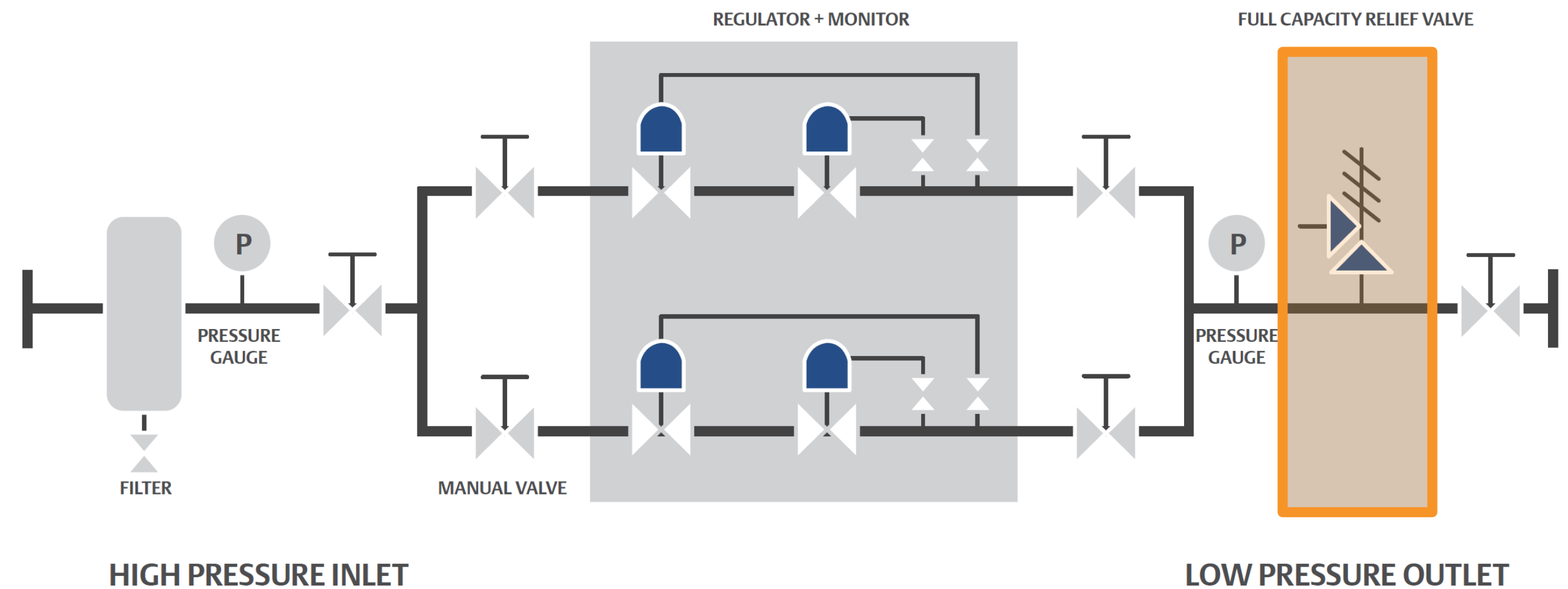
- Fisher Type EZL
- Fisher Type EZR
- Fisher Type 299H
- Fisher Integral True-Monitor**

[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



- Regulator Monitor Systems
- Section VIII Pressure Relief Valves**
- Non-Section VIII Relief Valves

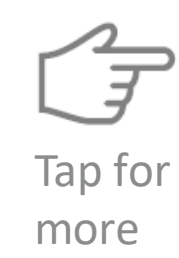
## Section VIII Pressure Relief Valves X



Provides overpressure protection from 25 to 6170 psig (1.72 to over 425.5 barg) with a snap action achieving full lift with 0% accumulation

- Designed for use in gas and vapor service, a snap action pilot opens fully at set pressure minimizing required overpressure and accumulation

[200 Series Pilots product webpage](#)



- Anderson Greenwood 200 Series Pilots**
- Anderson Greenwood 400 Series Pilots
- Anderson Greenwood Series 9300 Pilots

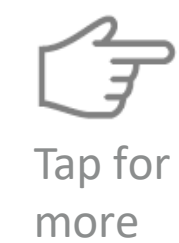
[All Applications](#)





# Regulator Monitor with Full Capacity Relief

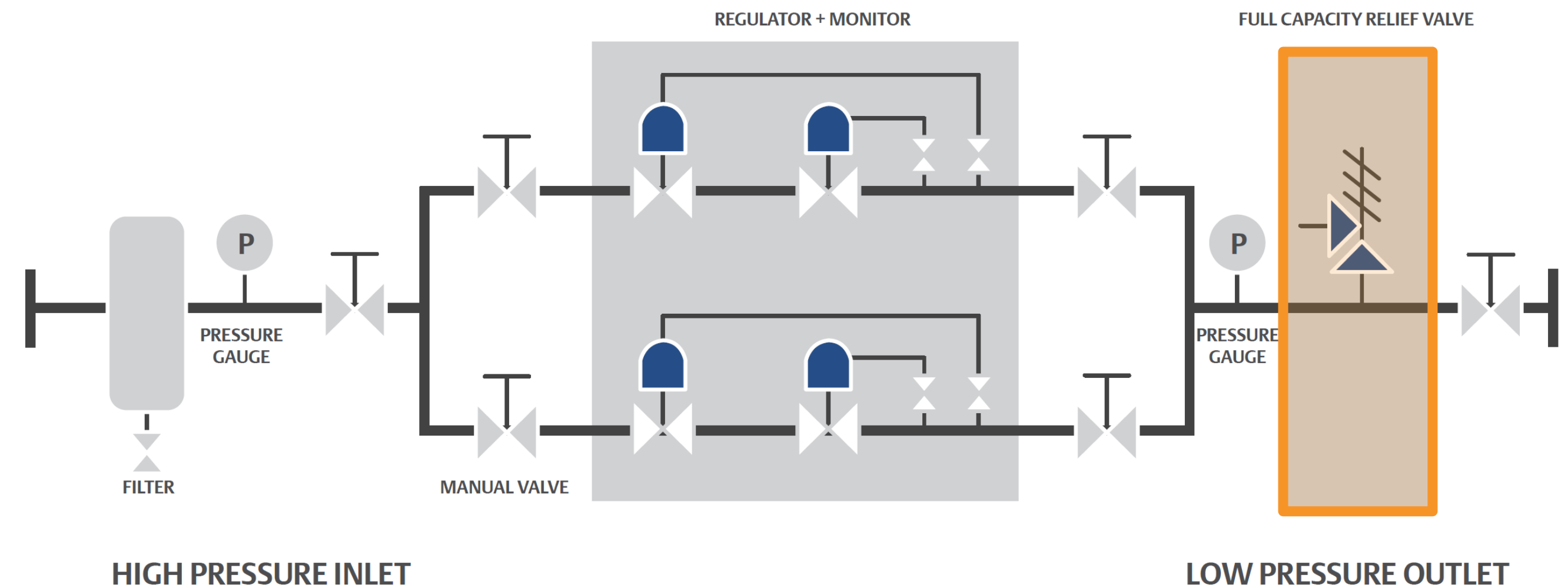
Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



[Regulator Monitor Systems](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)



## Section VIII Pressure Relief Valves



Provides system overpressure protection from 15 to 1480 psig (1.04 to 102.04 barg) with a modulating action and seat tightness up to 98% of set pressure

- Modulating action eliminates destructive effects of cycling or chatter and the main valve lifts proportionally to demand minimizing fluid loss

[400 Series Pilots product webpage](#)



Tap for more

[Anderson Greenwood 200 Series Pilots](#)

[Anderson Greenwood 400 Series Pilots](#)

[Anderson Greenwood Series 9300 Pilots](#)

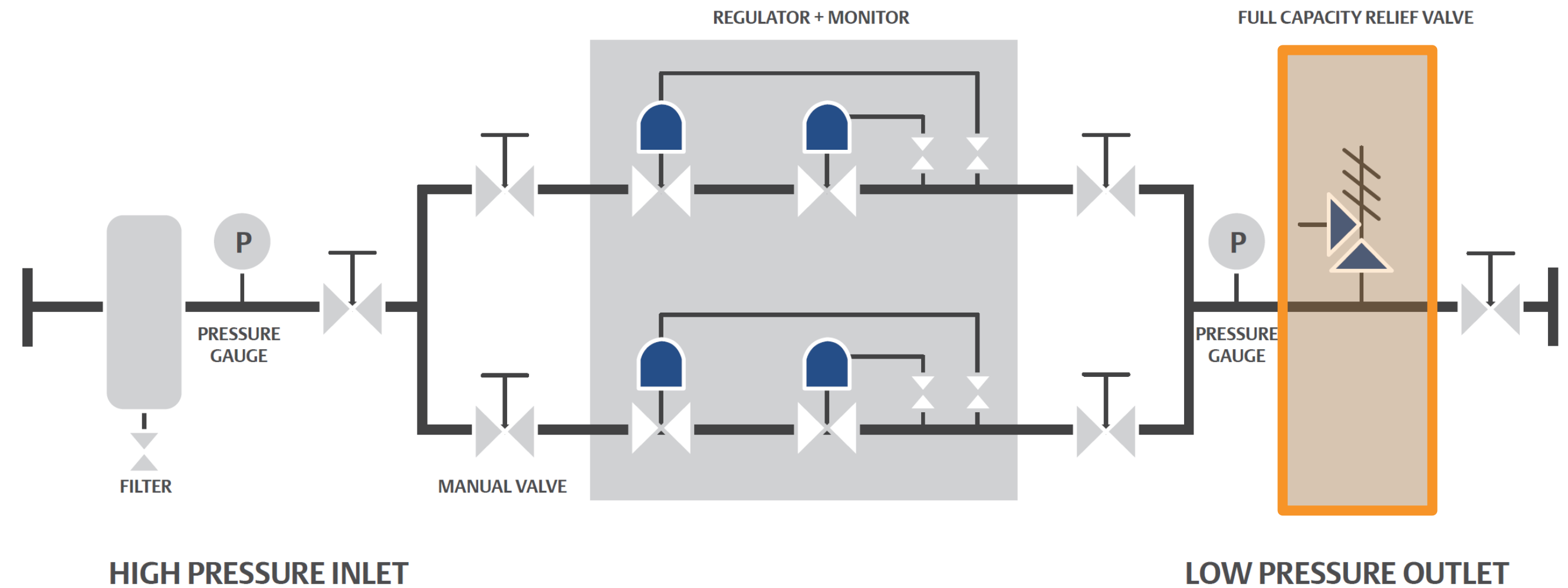


[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



Tap for more

[Regulator Monitor Systems](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Section VIII Pressure Relief Valves



Provides overpressure protection from 10 inches of water column to 15 psig with a robust self-guiding seat design that ensures repeatable seat tightness

- Can be adjusted for both snap action and modulating action to fit challenging overpressure protection applications

[Series 9300 Pilots product webpage](#)



Tap for more

[Anderson Greenwood 200 Series Pilots](#)

[Anderson Greenwood 400 Series Pilots](#)

[Anderson Greenwood Series 9300 Pilots](#)

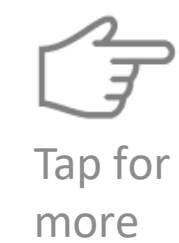


[All Applications](#)



# Regulator Monitor with Full Capacity Relief

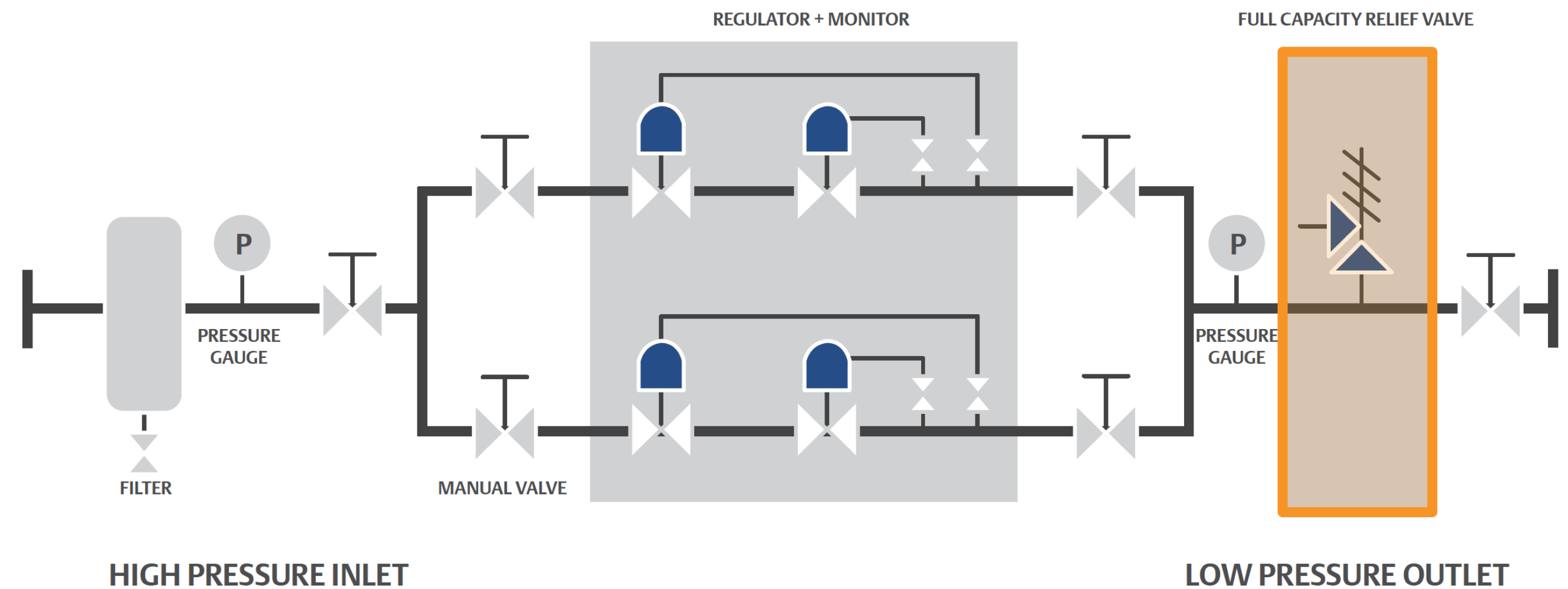
Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



[Regulator Monitor Systems](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)



## Non-Section VIII Relief Valves



Provides smooth, quiet operation, tight shutoff and long life, even in dirty service

- The specially engineered flow path, along with the metal plug, allow flow through the body without seat impingement

[Fisher EZR Relief product webpage](#)



Tap for more

[Fisher Type EZR Relief Valve](#)

[Fisher Type 63EG Relief Valve](#)

[Fisher Type 1808 Relief Valve](#)

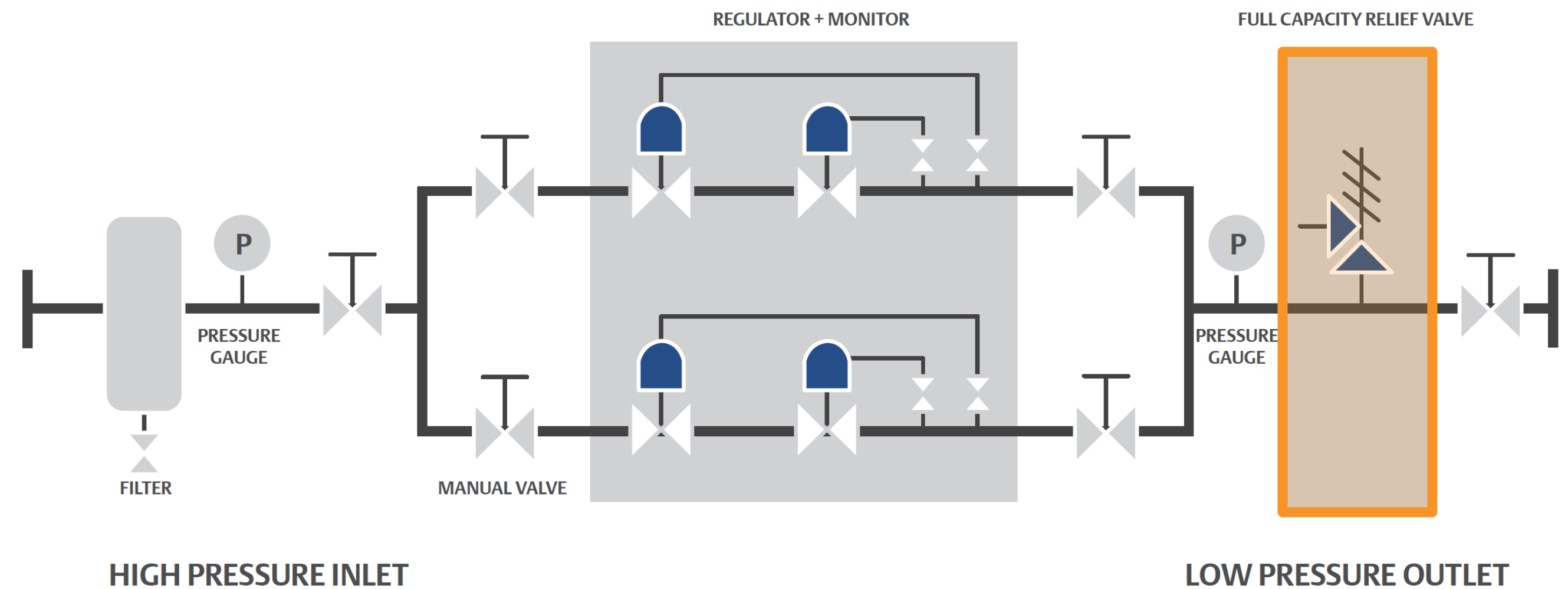


[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



Tap for more

- [Regulator Monitor Systems](#)
- [Section VIII Pressure Relief Valves](#)
- [Non-Section VIII Relief Valves](#)

## Non-Section VIII Relief Valves



Excellent performance in a wide range of overpressure and backpressure applications such as natural gas transmission and distribution stations

- Especially engineered for high-pressure applications where sonic gas velocities are often encountered at relief valve outlets

[Fisher 63EG Relief product webpage](#)



Tap for more

- [Fisher Type EZR Relief Valve](#)
- [Fisher Type 63EG Relief Valve](#)
- [Fisher Type 1808 Relief Valve](#)

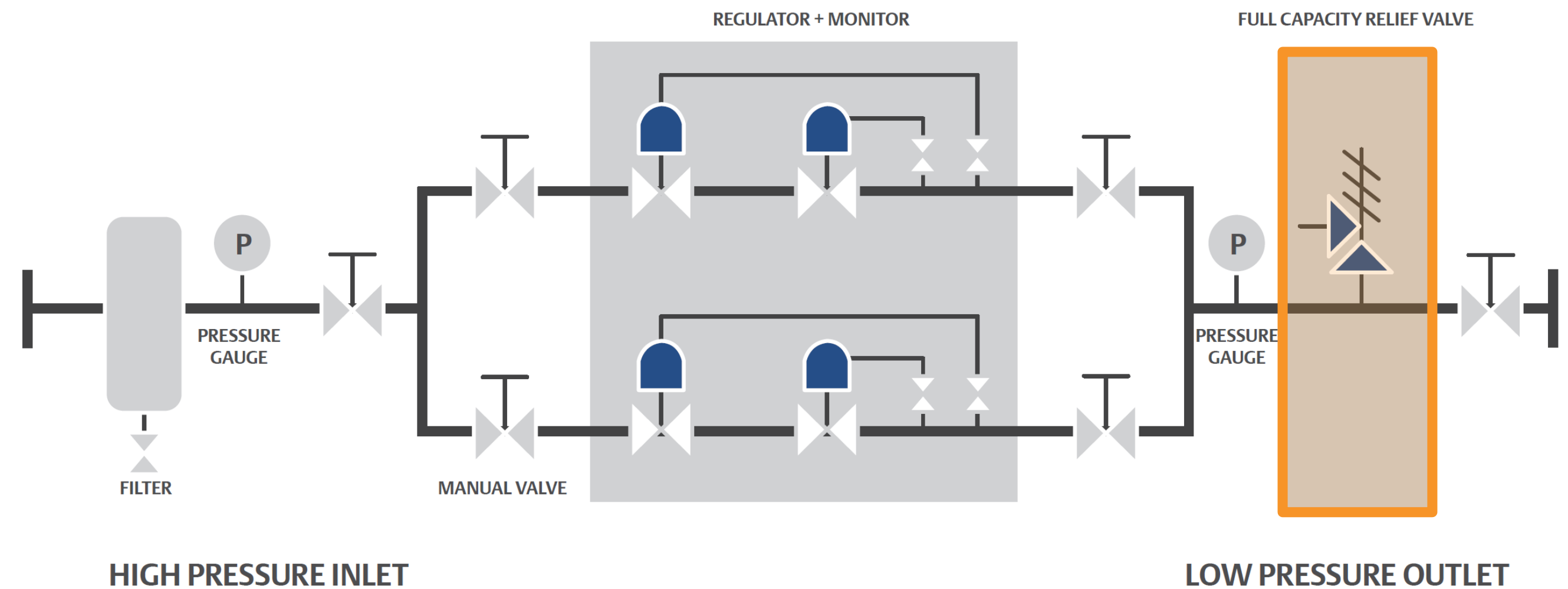


[All Applications](#)



# Regulator Monitor with Full Capacity Relief

Any two regulators in series and a pressure relief valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the relief valve provides the second level.



Tap for more

- [Regulator Monitor Systems](#)
- [Section VIII Pressure Relief Valves](#)
- [Non-Section VIII Relief Valves](#)

## Non-Section VIII Relief Valves



Economical, compact device used for pressure relief applications in gas distribution systems

- Upstream control line construction is available to provide wide-open relief flow capacity with less buildup regardless of set pressure

[Fisher 1808 Relief product webpage](#)



Tap for more

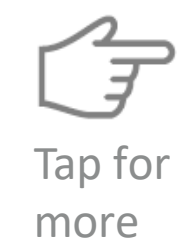
- [Fisher Type EZR Relief Valve](#)
- [Fisher Type 63EG Relief Valve](#)
- [Fisher Type 1808 Relief Valve](#)



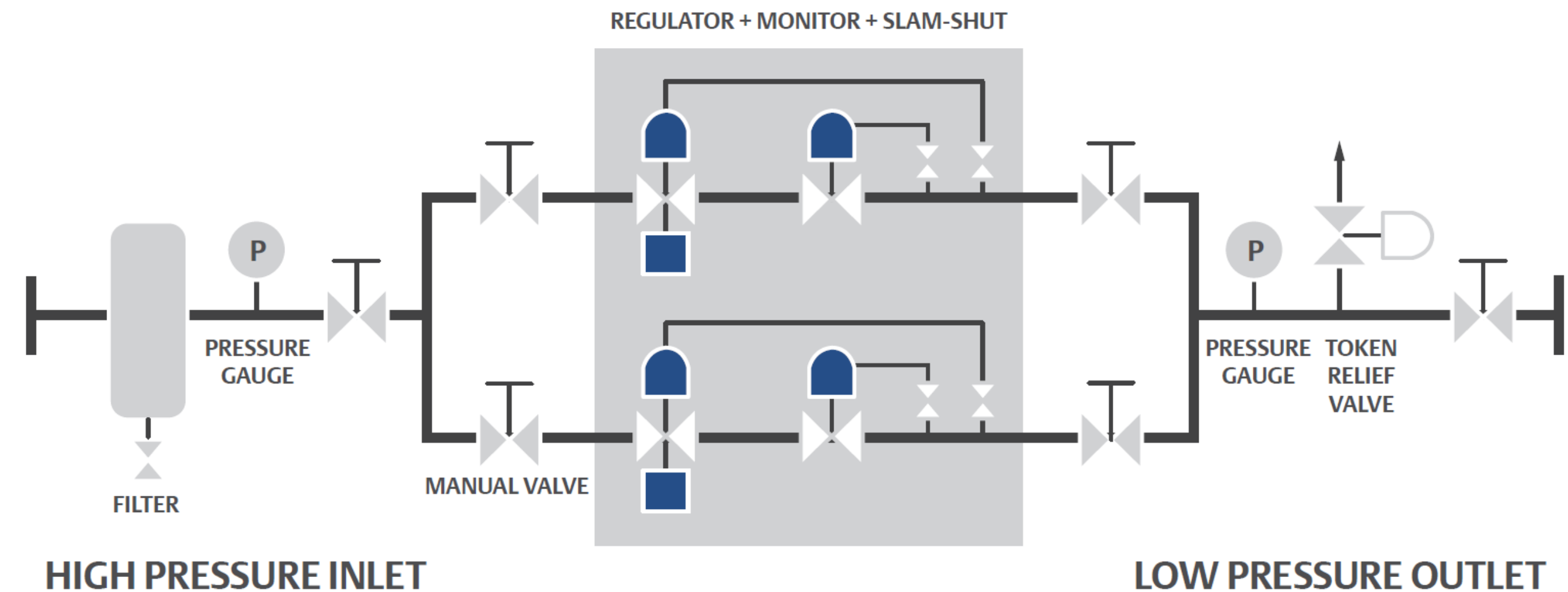
[All Applications](#)

## Regulator Monitor with Slam-Shut

Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



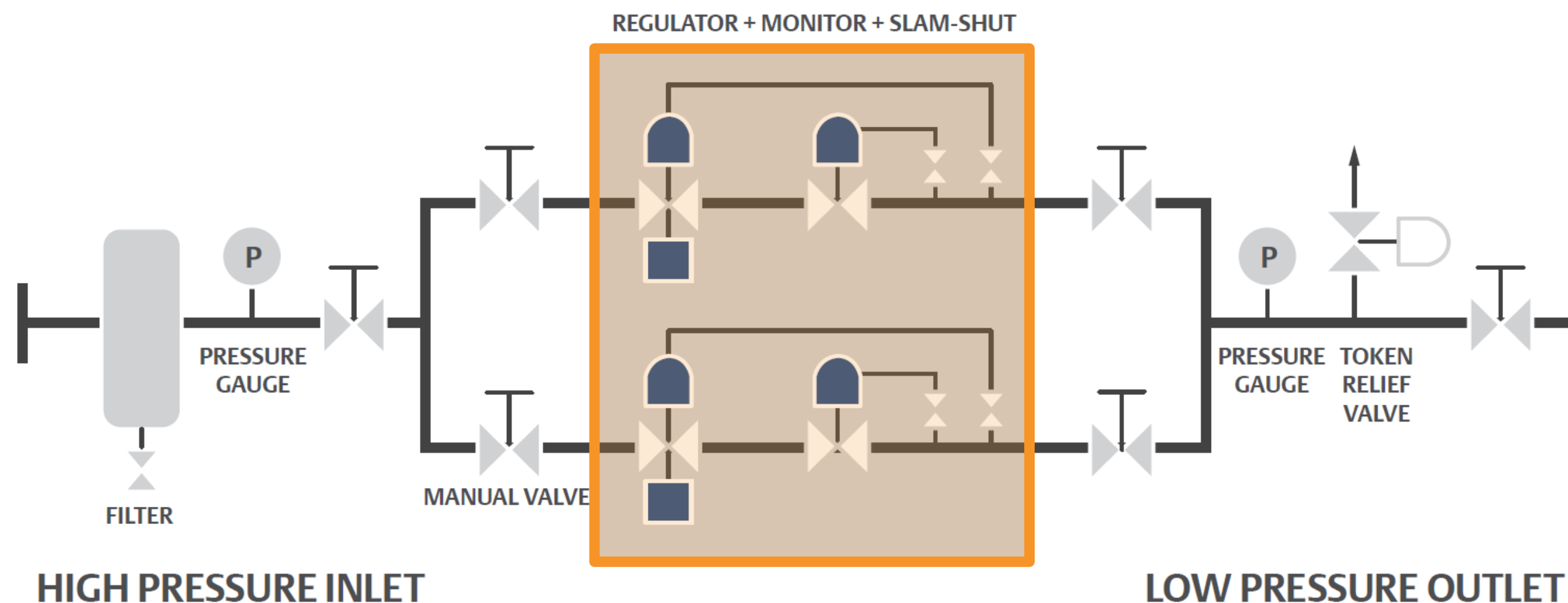
- Regulator Monitor Systems
- Regulator Monitor with Slam-Shut
- Slam-Shut Devices
- Token Relief Valve





# Regulator Monitor with Slam-Shut

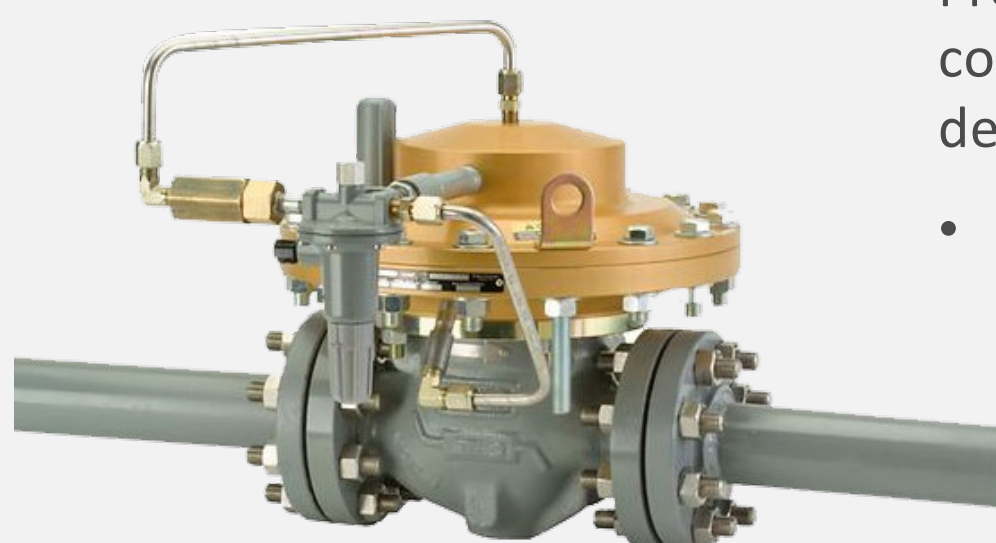
Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



Tap for more

- [Regulator Monitor Systems](#)
- [Regulator Monitor with Slam-Shut](#)
- [Slam-Shut Devices](#)
- [Token Relief Valve](#)

## Regulator Monitor Systems



Provides stable and accurate downstream pressure control regardless of inlet pressure variations or demand changes

- Can accurately control at pressure differentials as low as 2.9 psid / 0.2 bar d

[Fisher Type EZL product webpage](#)



Tap for more

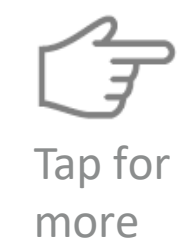
- [Fisher Type EZL](#)
- [Fisher Type EZR](#)
- [Fisher Type 299H](#)
- [Fisher Integral True-Monitor](#)



All Applications

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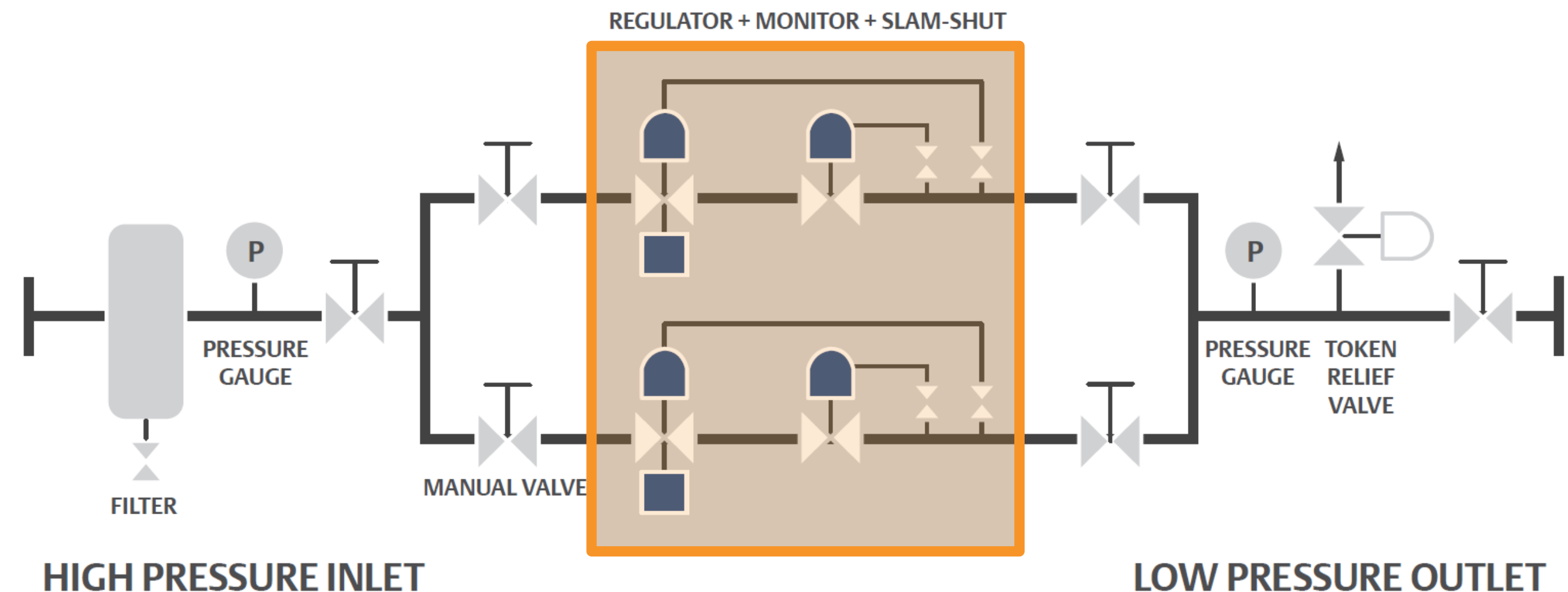


[Regulator Monitor Systems](#)

[Regulator Monitor with Slam-Shut](#)

[Slam-Shut Devices](#)

[Token Relief Valve](#)



## Regulator Monitor Systems



Provides smooth, quiet operation, tight shutoff and long life, even in dirty service

- The specially engineered flow path, along with the metal plug, allows flow through the regulator without seat impingement

[Fisher Type EZR product webpage](#)



Tap for more

[Fisher Type EZL](#)

[Fisher Type EZR](#)

[Fisher Type 299H](#)

[Fisher Integral True-Monitor](#)



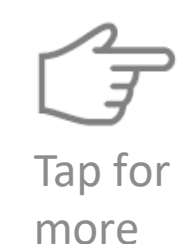
[All Applications](#)



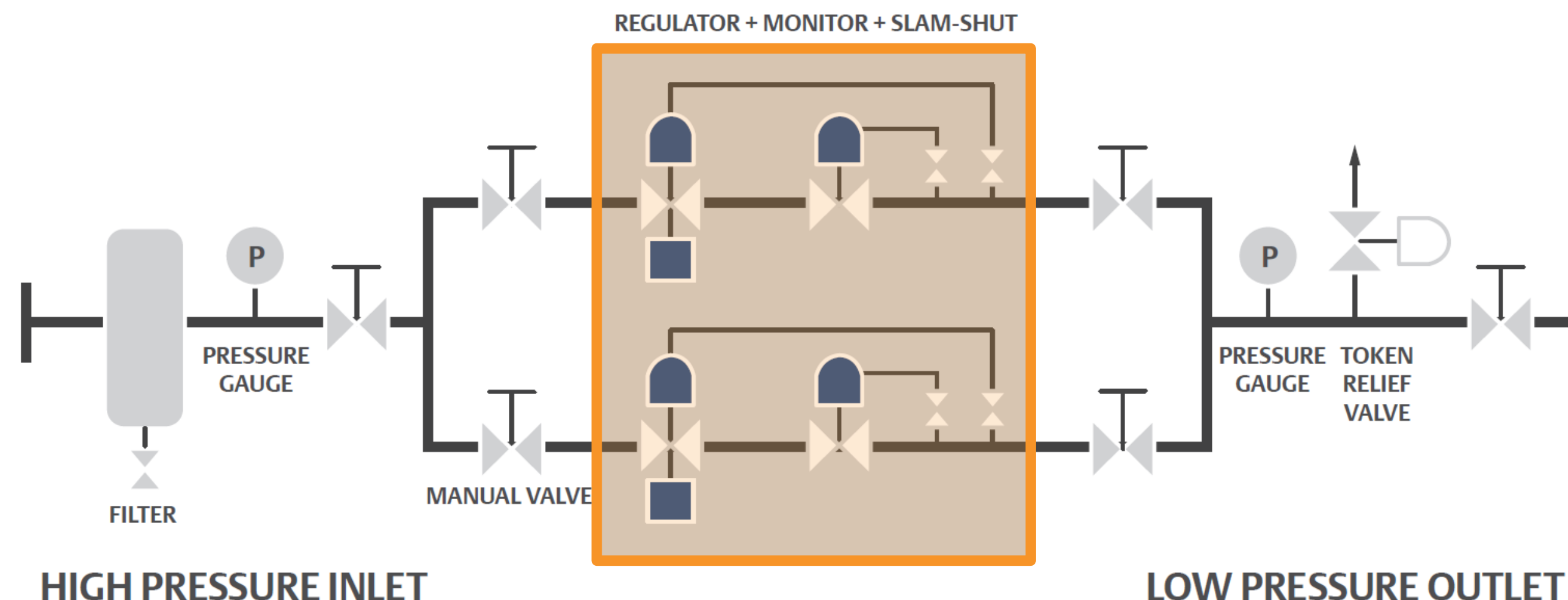


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- Regulator Monitor Systems
- Regulator Monitor with Slam-Shut
- Slam-Shut Devices
- Token Relief Valve



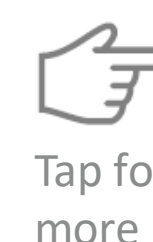
## Regulator Monitor Systems



Compact high-capacity regulator with unique no-bleed monitor system

- Flexible worker/monitor system setup that allows for bleed to be piped to the intermediate piping thus eliminating downstream bleed which reduces lost and unaccounted for gas

[Fisher Type 299H product webpage](#)



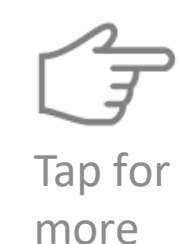
- Fisher Type EZL
- Fisher Type EZR
- Fisher Type 299H
- Fisher Integral True-Monitor

[All Applications](#)

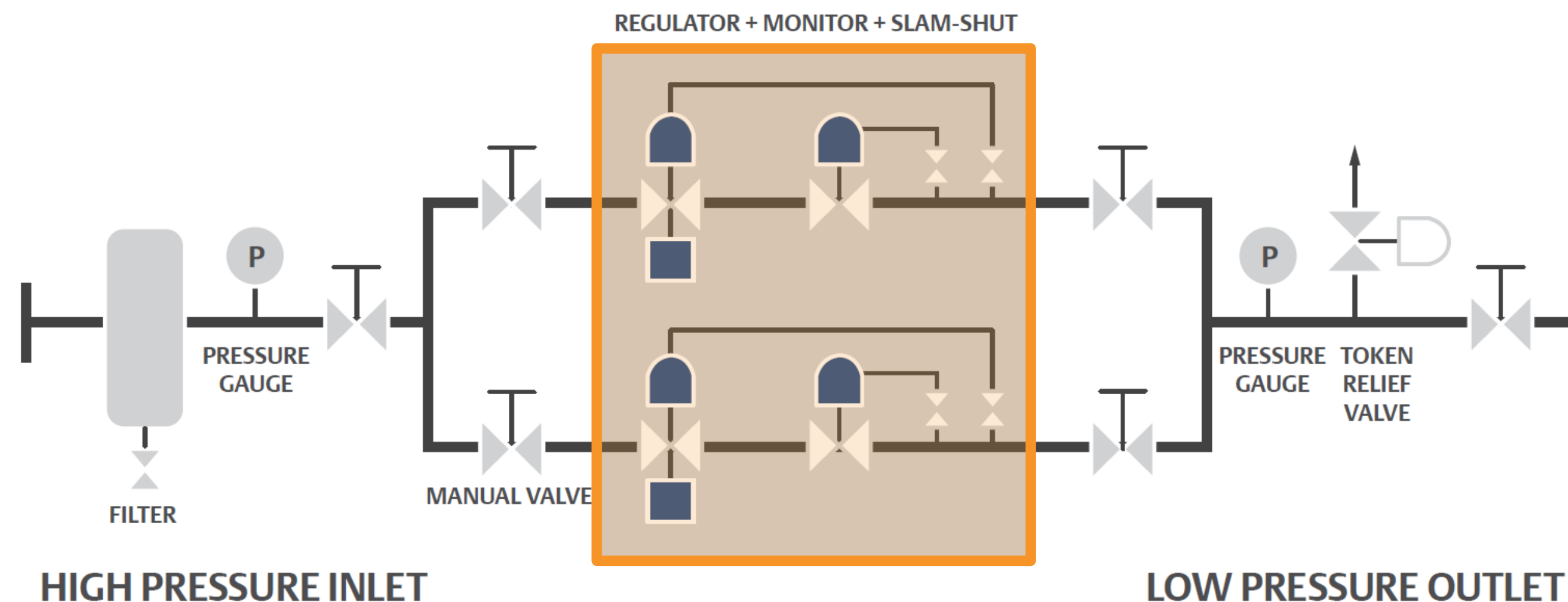


# Regulator Monitor with Slam-Shut

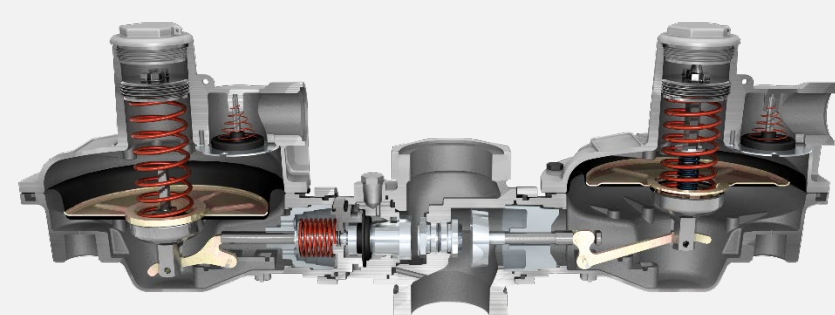
Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



- Regulator Monitor Systems
- Regulator Monitor with Slam-Shut
- Slam-Shut Devices
- Token Relief Valve



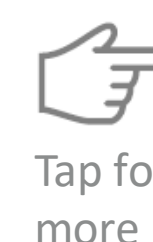
## Regulator Monitor Systems



Offers increased outlet setpoint capabilities and provides the True Monitor™ protection

- Combines the operation of a conventional two-regulator wide-open monitor set into one device without the need for a downstream control line

[Fisher Commercial Service webpage](#)



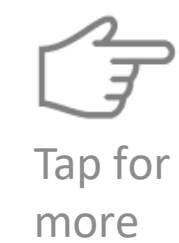
- Fisher Type EZL
- Fisher Type EZR
- Fisher Type 299H
- Fisher Integral True-Monitor

[All Applications](#)



## Regulator Monitor with Slam-Shut

Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.

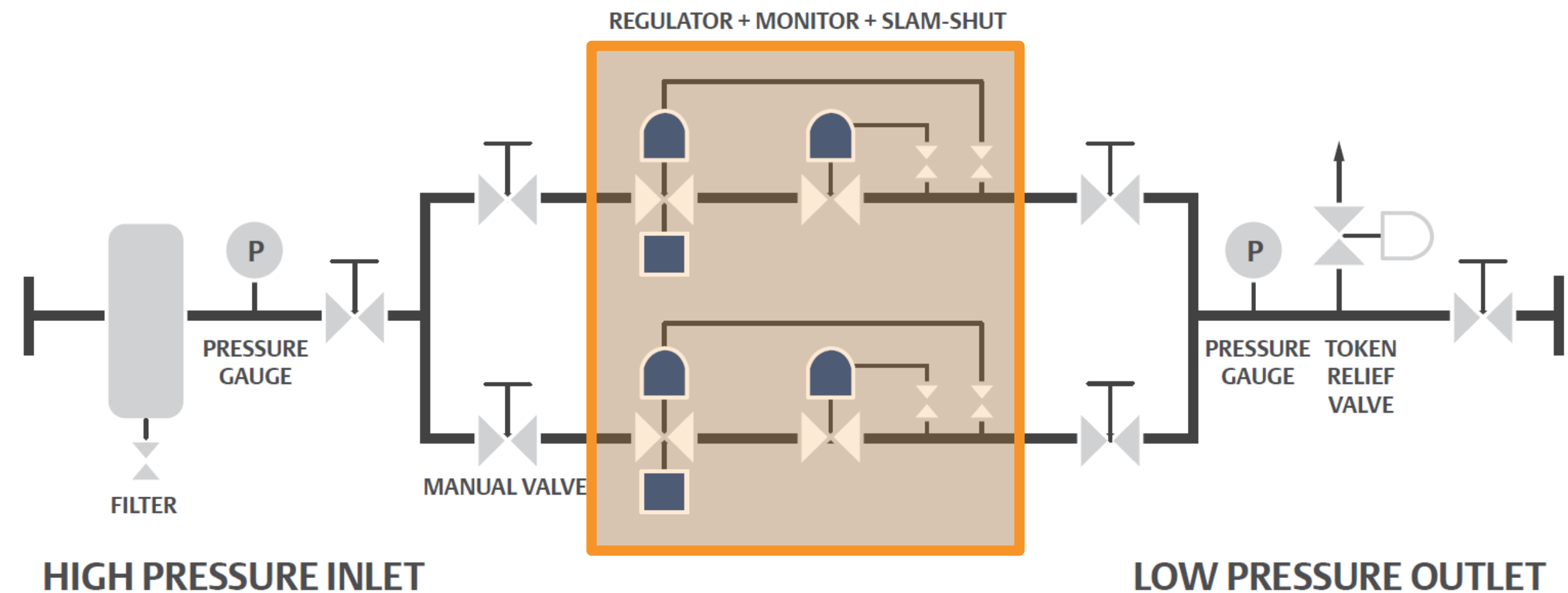


Regulator Monitor Systems

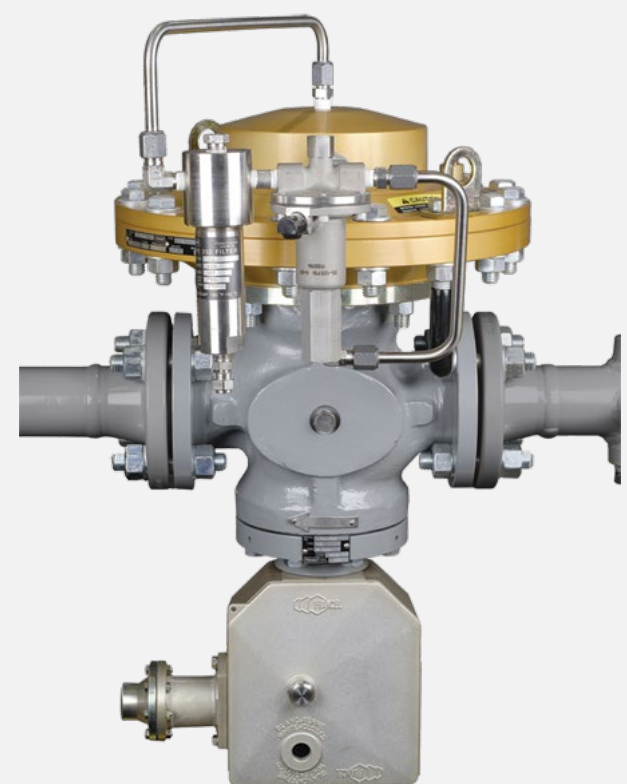
**Regulator Monitor with Slam-Shut**

Slam-Shut Devices

Token Relief Valve



### Regulator Monitor with Slam-Shut



Can be equipped for OverPressure ShutOff (OPSO), UnderPressure ShutOff (UPS0), Overpressure and UnderPressure ShutOff (OPSO/UPS0)

- Maintains up to  $\pm 1\%$  accuracy regardless of inlet pressure, flow rate and the size of the slam-shut

Fisher Type EZL-OSX  
product webpage



Tap for  
more

Fisher Type EZL-OSX

Fisher Type CSB704

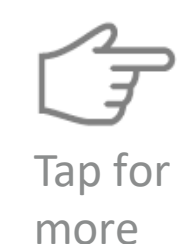


All  
Applications

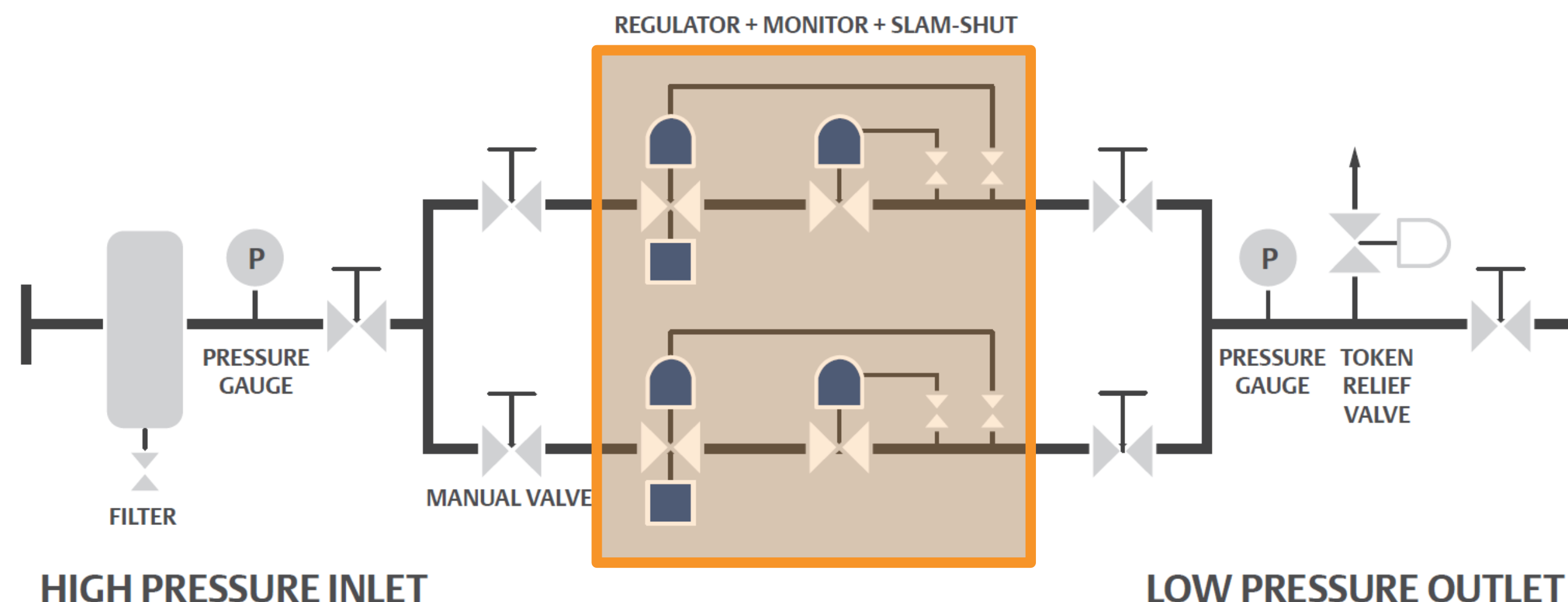


# Regulator Monitor with Slam-Shut

Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



- Regulator Monitor Systems
- Regulator Monitor with Slam-Shut**
- Slam-Shut Devices
- Token Relief Valve



## Regulator Monitor with Slam-Shut



Offers multiple overpressure protection options to meet your application requirements

- Engineered to fit a multitude of pressure reducing applications including commercial and industrial installations

[Fisher Type CSB704 product webpage](#)



Tap for more

- Fisher Type EZL-OSX
- Fisher Type CSB704**

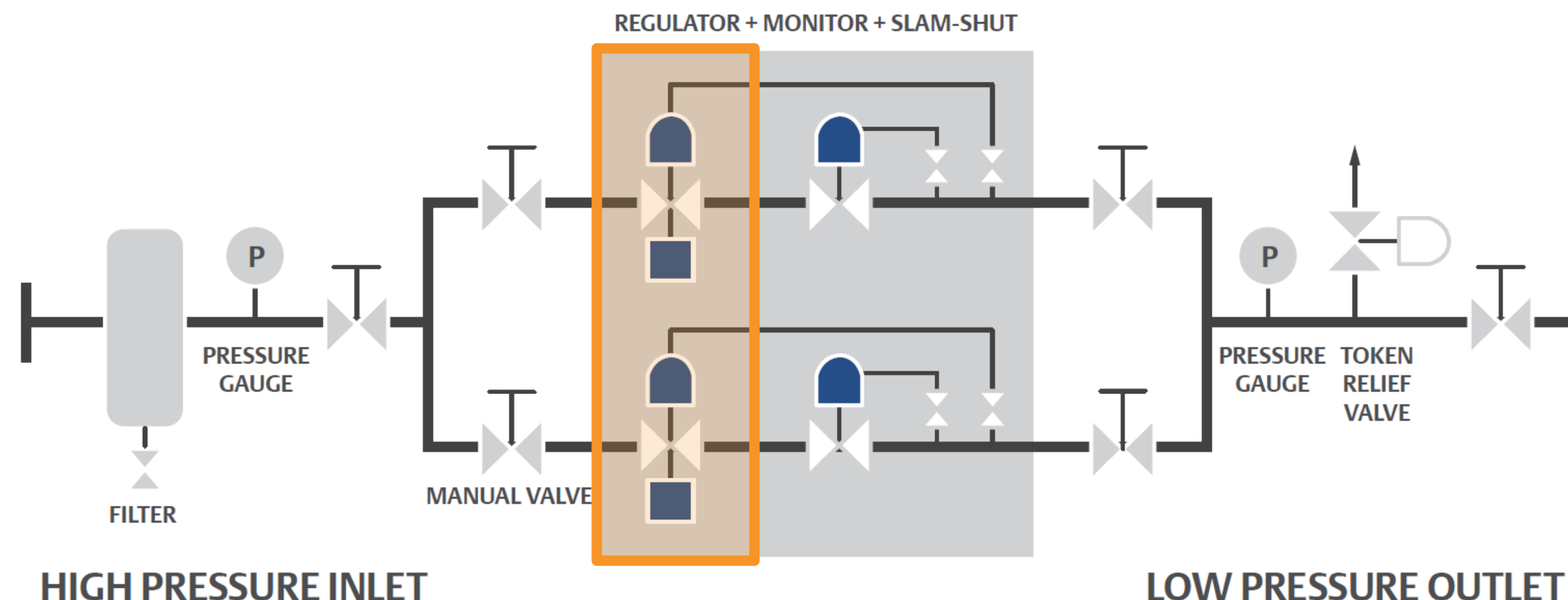


All Applications



# Regulator Monitor with Slam-Shut

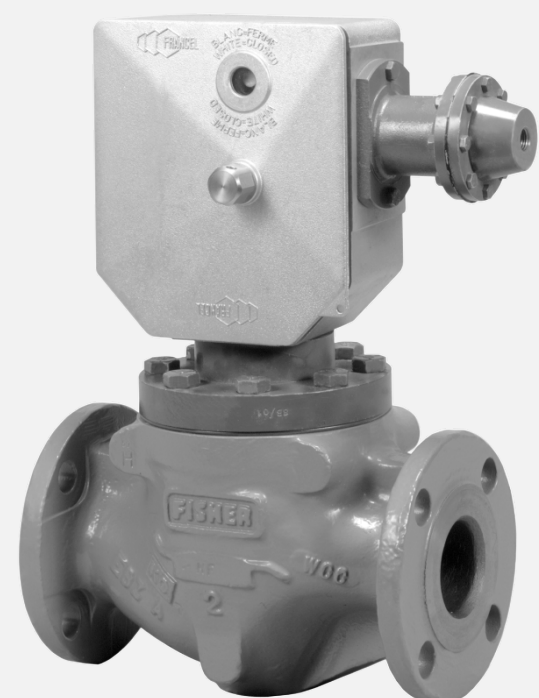
Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



Tap for more

- [Regulator Monitor Systems](#)
- [Regulator Monitor with Slam-Shut](#)
- [Slam-Shut Devices](#)
- [Token Relief Valve](#)

## Slam-Shut Devices



Can be equipped for OverPressure ShutOff (OPSO), UnderPressure ShutOff (UPS0), Overpressure and UnderPressure ShutOff (OPSO/UPS0)

- Maintains up to  $\pm 1\%$  accuracy regardless of inlet pressure, flow rate and the size of the slam-shut

[Fisher Type OSE product webpage](#)



Tap for more

- [Fisher Type OSE](#)
- [Fisher Type 299HV](#)

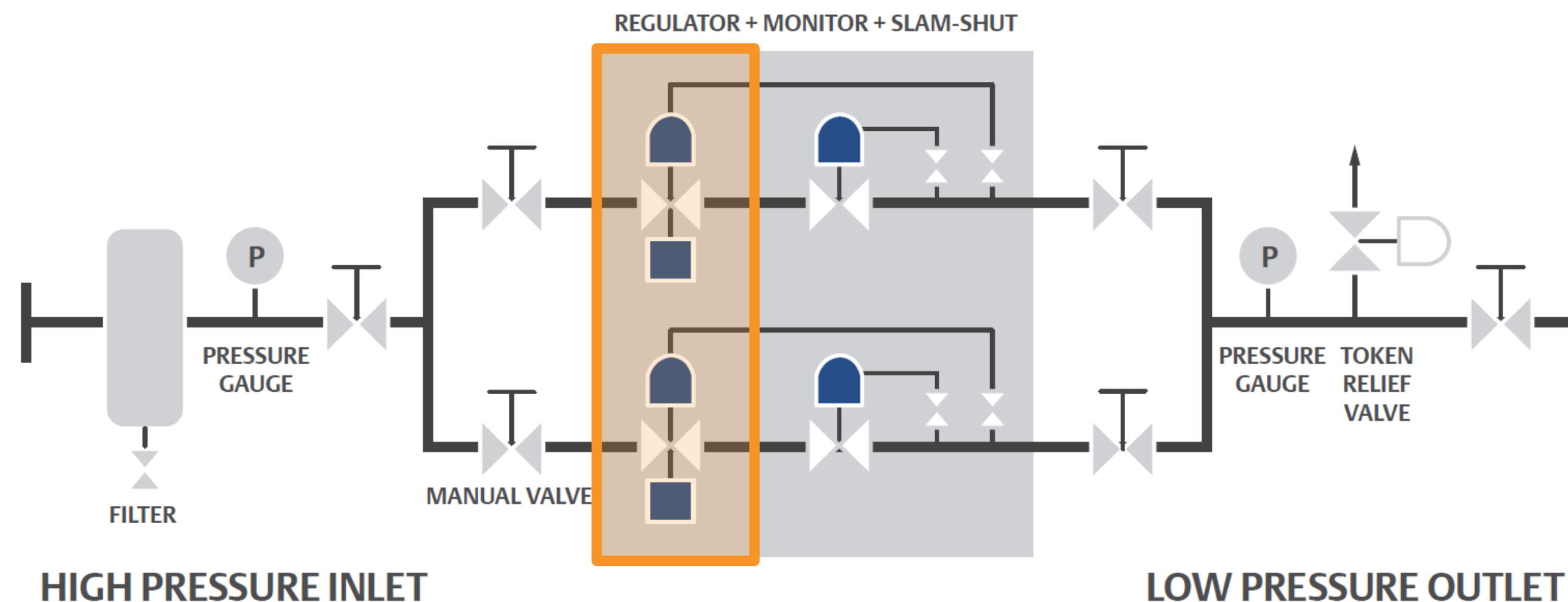


[All Applications](#)



# Regulator Monitor with Slam-Shut

Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



Tap for more

- [Regulator Monitor Systems](#)
- [Regulator Monitor with Slam-Shut](#)
- [Slam-Shut Devices](#)
- [Token Relief Valve](#)

## Slam-Shut Devices



Provides Overpressure Shut-off and Underpressure Shut-off capability

- Modular Body Construction allows for adding regulator module in the future with no pipe charges

[Fisher Type 299HV product webpage](#)



Tap for more

- [Fisher Type OSE](#)
- [Fisher Type 299HV](#)

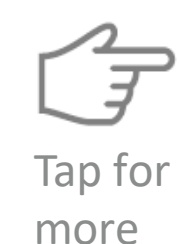


[All Applications](#)

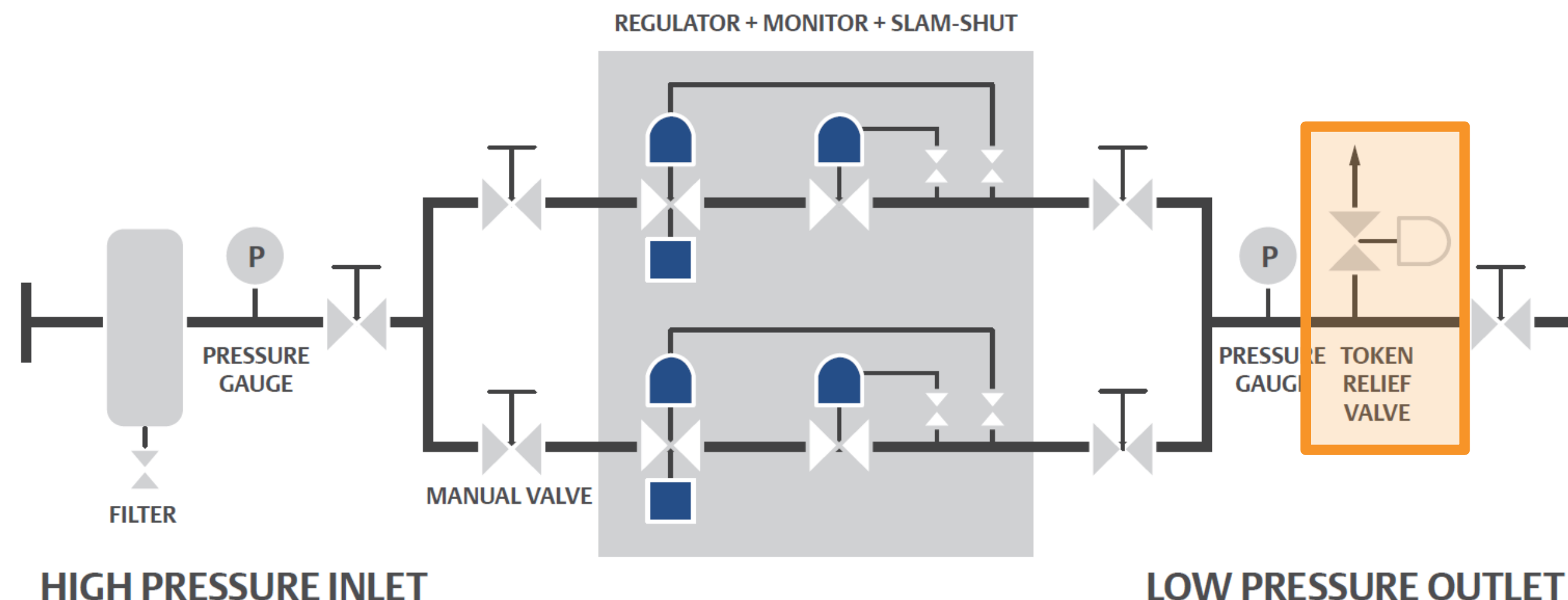


# Regulator Monitor with Slam-Shut

Any two regulators in series and a slam-shut valve, all sensing the same downstream pressure. The monitor regulator provides the first level of protection and the slam-shut provides the second level.



- Regulator Monitor Systems
- Regulator Monitor with Slam-Shut**
- Slam-Shut Devices
- Token Relief Valve



## Token Relief Valve



- Provides an increase in relief performance through high-capacity internal relief
- Offers a significant improvement in the level of overpressure protection to the downstream system in the event of an overpressure occurrence

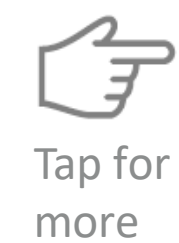
*Fisher CS800IQ*  
*product webpage*

All Applications



## Regulator, Slam-Shut and Full Capacity Relief

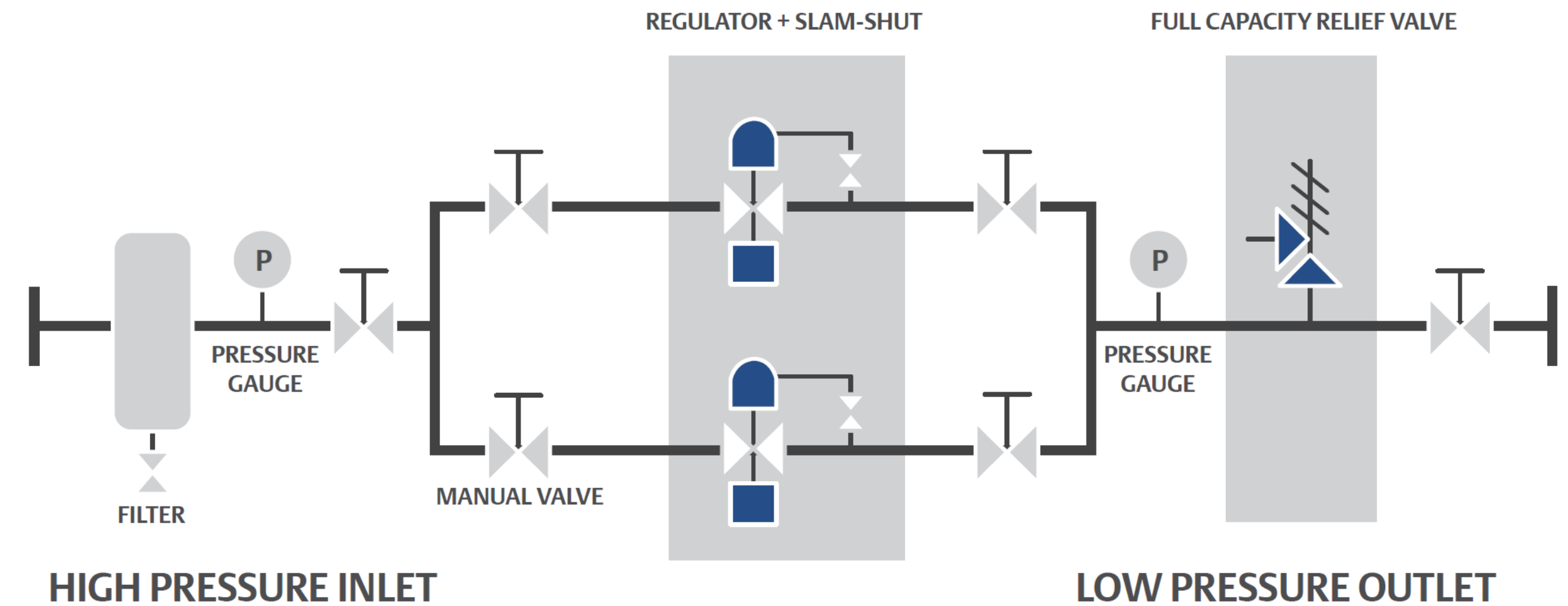
A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Regulator with Slam-Shut

Section VIII Pressure Relief Valves

Non-Section VIII Relief Valves

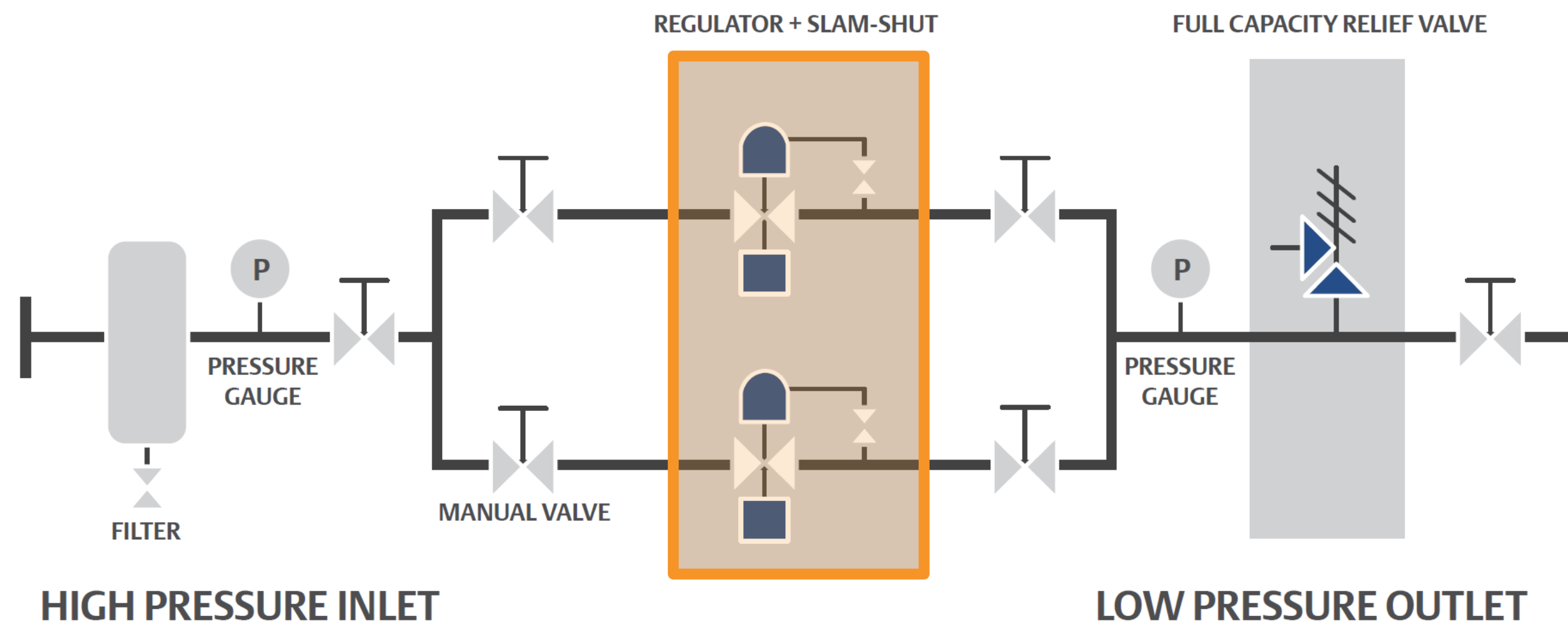






# Regulator, Slam-Shut and Full Capacity Relief

A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Tap for more

[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Regulator Monitor with Slam-Shut



Can be equipped for OverPressure ShutOff (OPSO), UnderPressure ShutOff (UPS0), Overpressure and UnderPressure ShutOff (OPSO/UPS0)

- Maintains up to  $\pm 1\%$  accuracy regardless of inlet pressure, flow rate and the size of the slam-shut

[Fisher Type EZH-OSX product webpage](#)



Tap for more

[Fisher Type EZH-OSX](#)

[Fisher Type CSB704](#)

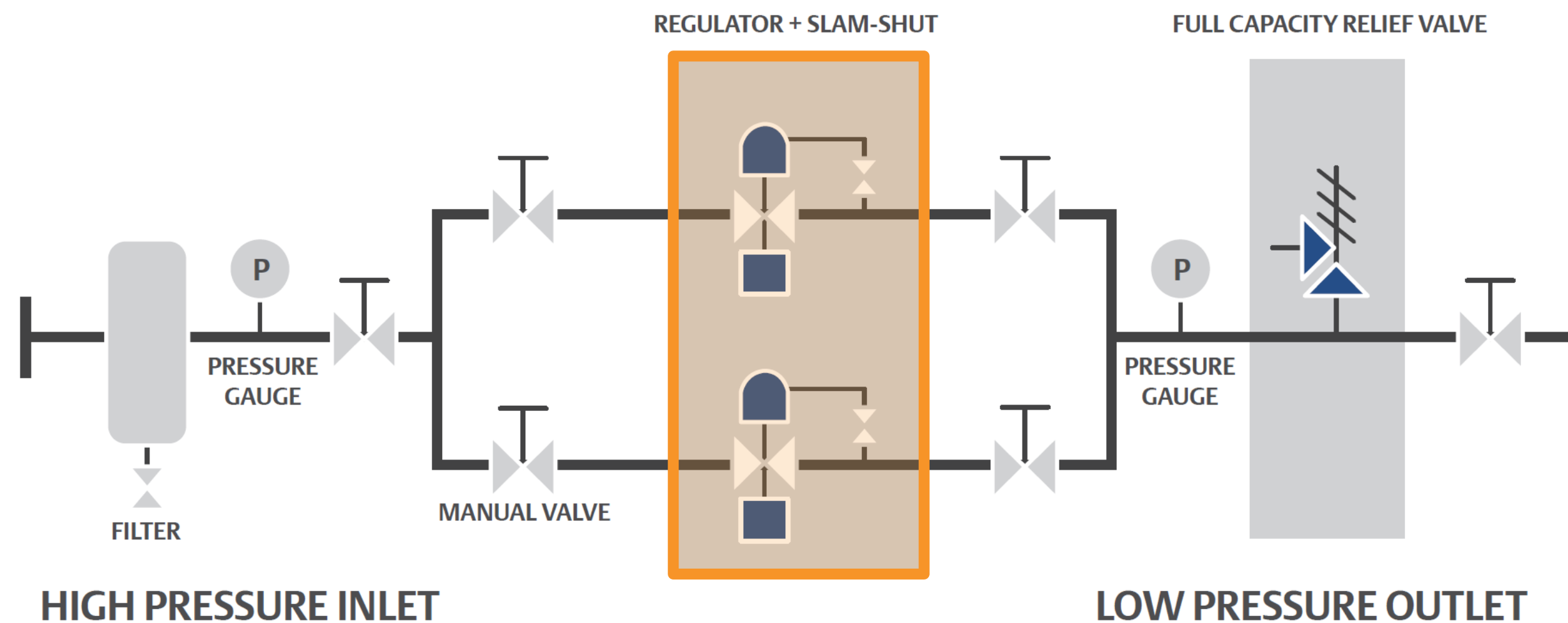


All Applications



# Regulator, Slam-Shut and Full Capacity Relief

A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Tap for more

[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Regulator Monitor with Slam-Shut



Offers multiple overpressure protection options to meet your application requirements

- Engineered to fit a multitude of pressure reducing applications including commercial and industrial installations

[Fisher Type CSB704 product webpage](#)



Tap for more

[Fisher Type EZH-OSX](#)

[Fisher Type CSB704](#)

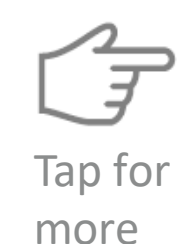


All Applications



## Regulator, Slam-Shut and Full Capacity Relief

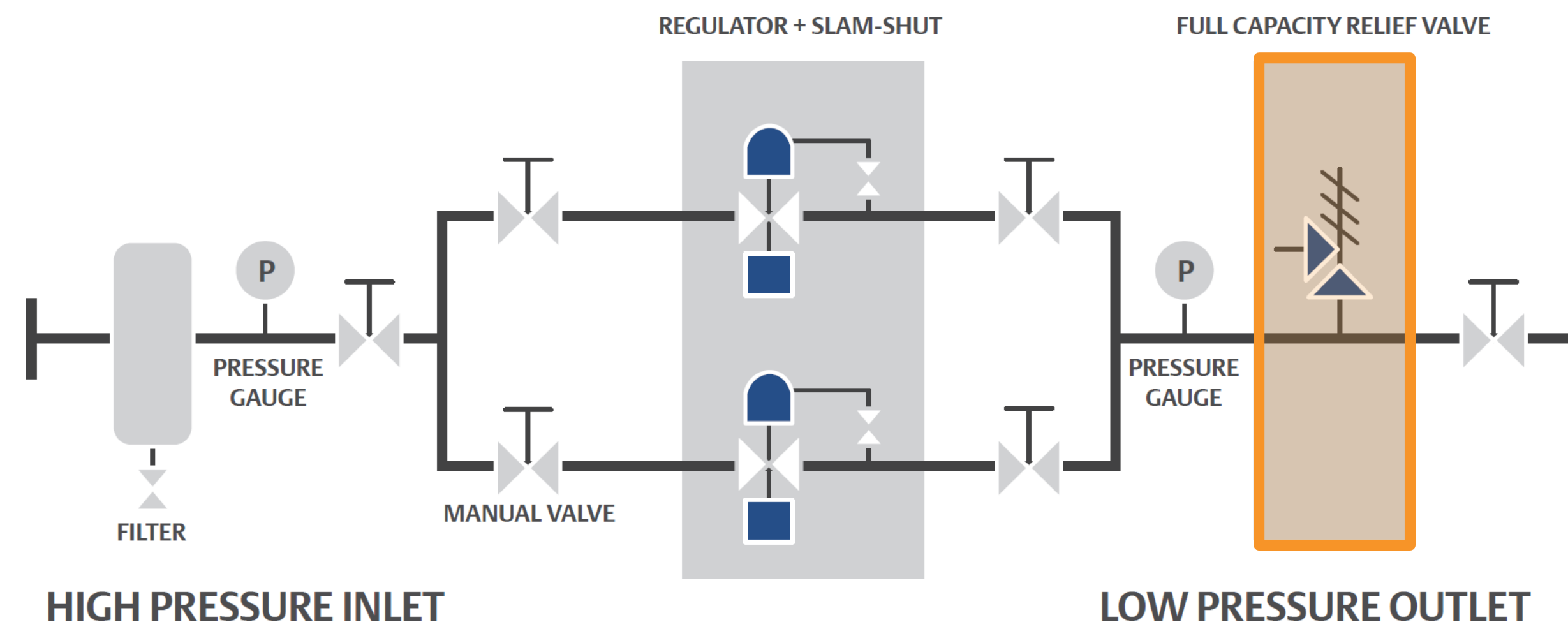
A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)



### Section VIII Pressure Relief Valves



Provides overpressure protection from 25 to 6170 psig (1.72 to over 425.5 barg) with a snap action achieving full lift with 0% accumulation

- Designed for use in gas and vapor service, a snap action pilot opens fully at set pressure minimizing required overpressure and accumulation

[200 Series Pilots product webpage](#)



Tap for more

[Anderson Greenwood 200 Series Pilots](#)

[Anderson Greenwood 400 Series Pilots](#)

[Anderson Greenwood Series 9300 Pilots](#)

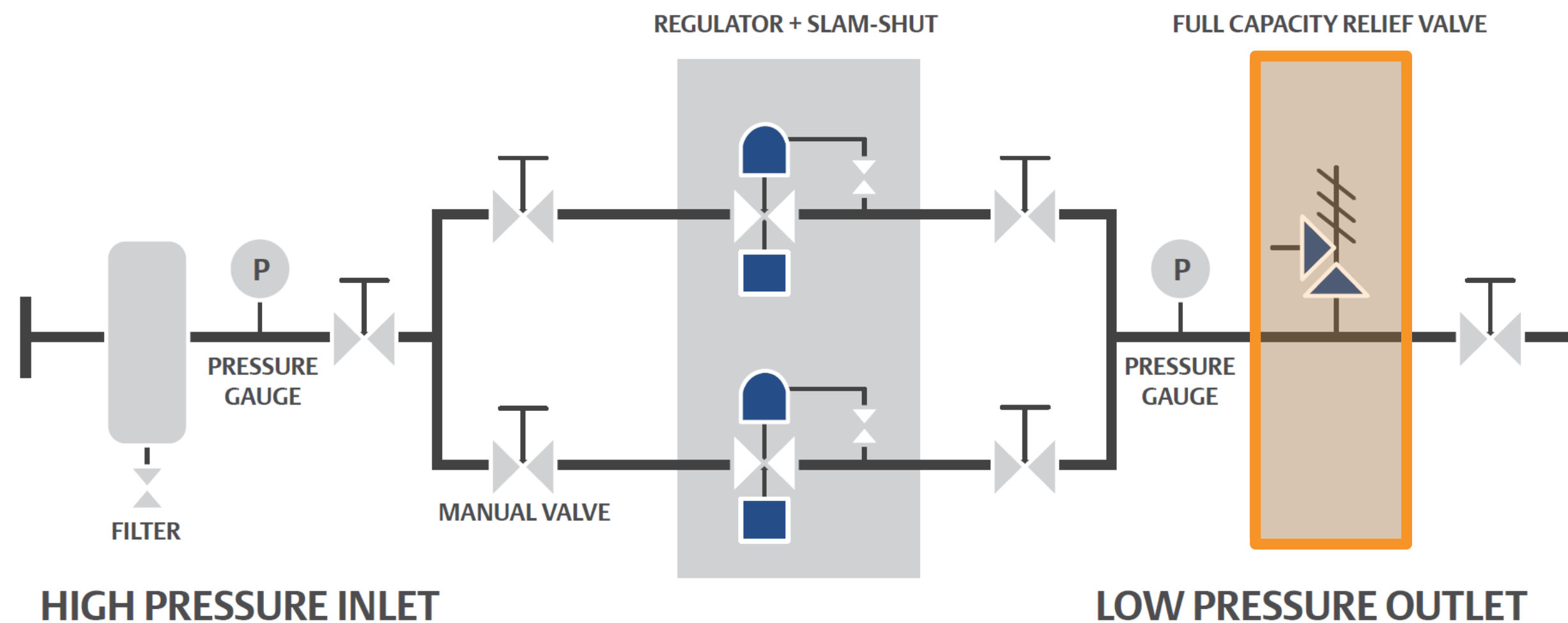


All Applications



# Regulator, Slam-Shut and Full Capacity Relief

A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Tap for more

[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Section VIII Pressure Relief Valves



Provides system overpressure protection from 15 to 1480 psig (1.04 to 102.04 barg) with a modulating action and seat tightness up to 98% of set pressure

- Modulating action eliminates destructive effects of cycling or chatter and the main valve lifts proportionally to demand minimizing fluid loss

[400 Series Pilots product webpage](#)



Tap for more

[Anderson Greenwood 200 Series Pilots](#)

[Anderson Greenwood 400 Series Pilots](#)

[Anderson Greenwood Series 9300 Pilots](#)

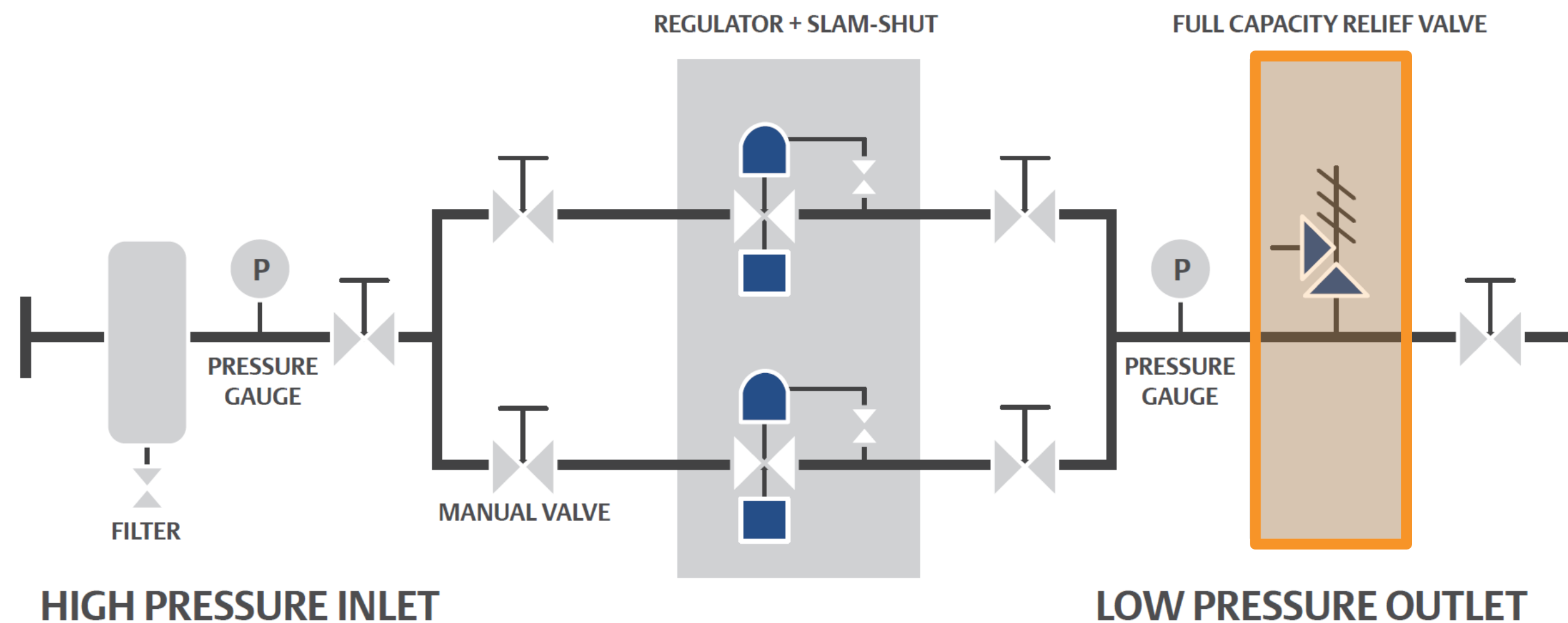


[All Applications](#)



# Regulator, Slam-Shut and Full Capacity Relief

A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Tap for more

[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Section VIII Pressure Relief Valves



Provides overpressure protection from 10 inches of water column to 15 psig with a robust self-guiding seat design that ensures repeatable seat tightness

- Can be adjusted for both snap action and modulating action to fit challenging overpressure protection applications

[Series 9300 Pilots product webpage](#)



Tap for more

[Anderson Greenwood 200 Series Pilots](#)

[Anderson Greenwood 400 Series Pilots](#)

[Anderson Greenwood Series 9300 Pilots](#)

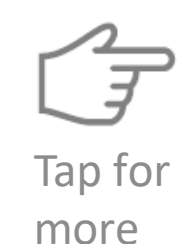


All Applications



## Regulator, Slam-Shut and Full Capacity Relief

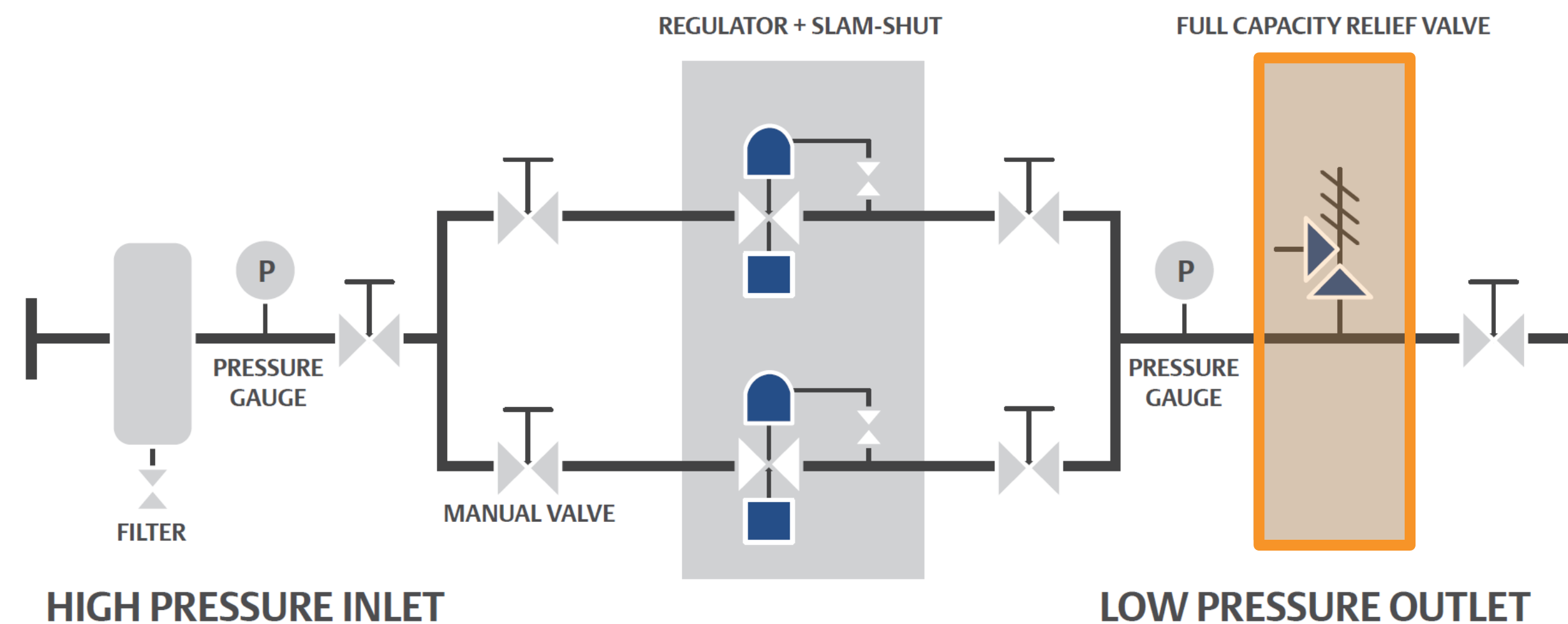
A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)



## Non-Section VIII Relief Valves



Provides smooth, quiet operation, tight shutoff and long life, even in dirty service

- The specially engineered flow path, along with the metal plug, allow flow through the body without seat impingement

[Fisher EZR Relief product webpage](#)



Tap for more

[Fisher Type EZR Relief Valve](#)

[Fisher Type 63EG Relief Valve](#)

[Fisher Type 1808 Relief Valve](#)

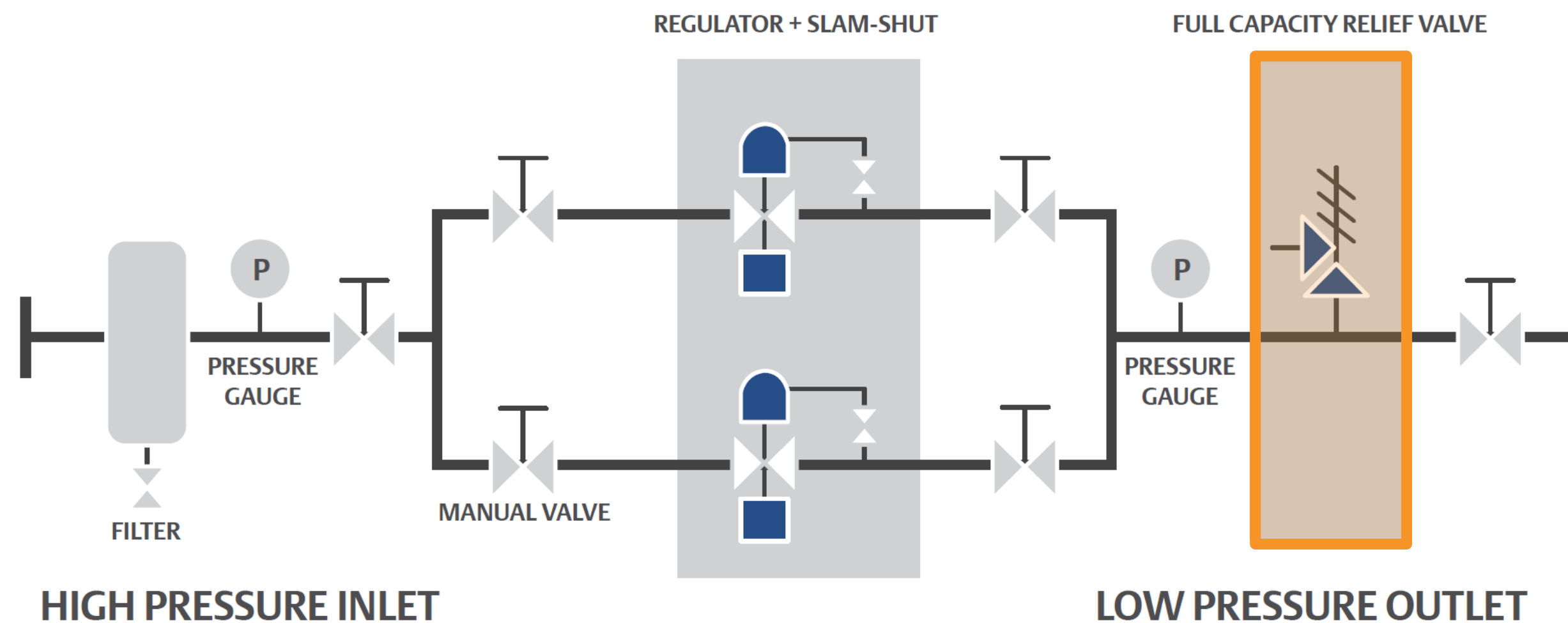


All Applications



# Regulator, Slam-Shut and Full Capacity Relief

A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



Tap for more

[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)

## Non-Section VIII Relief Valves



Excellent performance in a wide range of overpressure and backpressure applications such as natural gas transmission and distribution stations

- Especially engineered for high-pressure applications where sonic gas velocities are often encountered at relief valve outlets

[Fisher 63EG Relief product webpage](#)



Tap for more

[Fisher Type EZR Relief Valve](#)

[Fisher Type 63EG Relief Valve](#)

[Fisher Type 1808 Relief Valve](#)

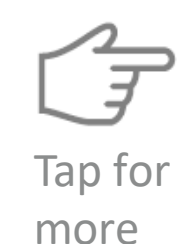


All Applications



# Regulator, Slam-Shut and Full Capacity Relief

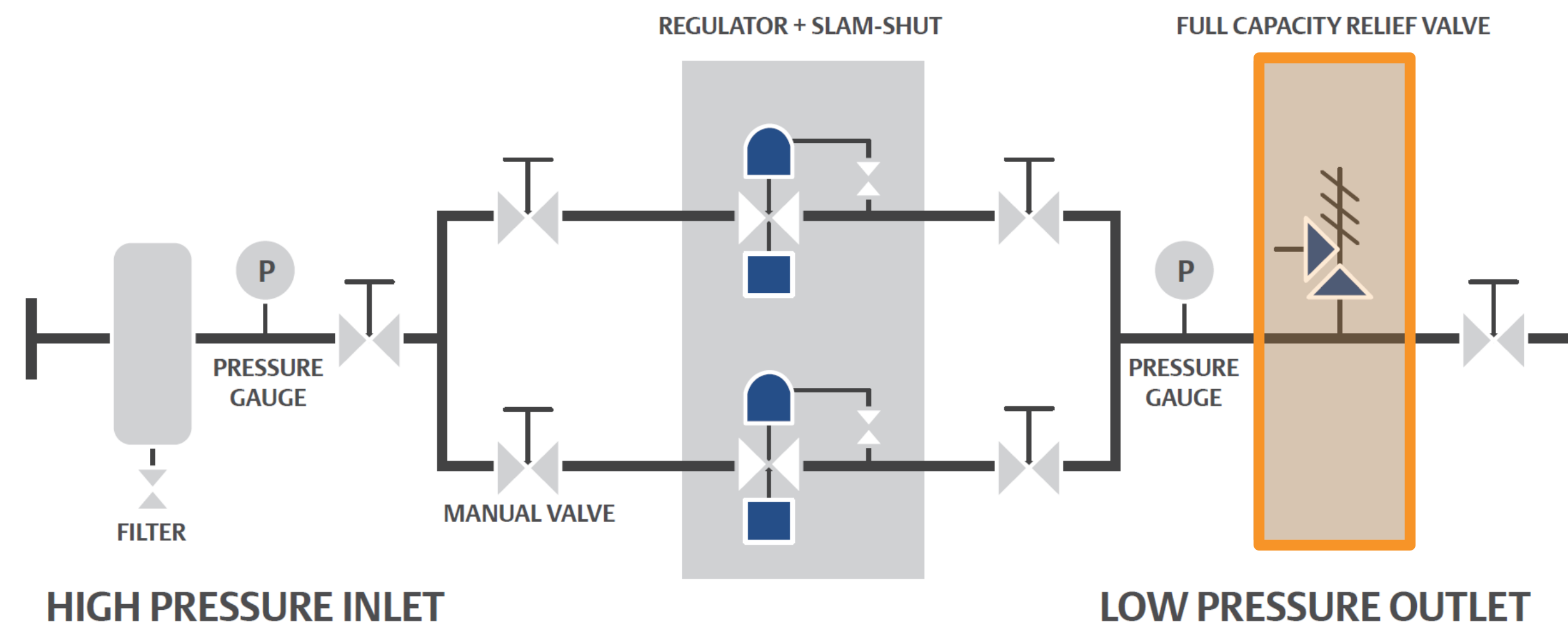
A regulator, slam-shut and relief valve, all sensing the same downstream pressure. The relief valve provides the first level of protection and the slamshut provides the second level.



[Regulator with Slam-Shut](#)

[Section VIII Pressure Relief Valves](#)

[Non-Section VIII Relief Valves](#)



## Non-Section VIII Relief Valves



Economical, compact device used for pressure relief applications in gas distribution systems

- Upstream control line construction is available to provide wide-open relief flow capacity with less buildup regardless of set pressure

[Fisher 1808 Relief product webpage](#)



Tap for more

[Fisher Type EZR Relief Valve](#)

[Fisher Type 63EG Relief Valve](#)

[Fisher Type 1808 Relief Valve](#)





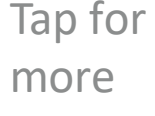

All Applications

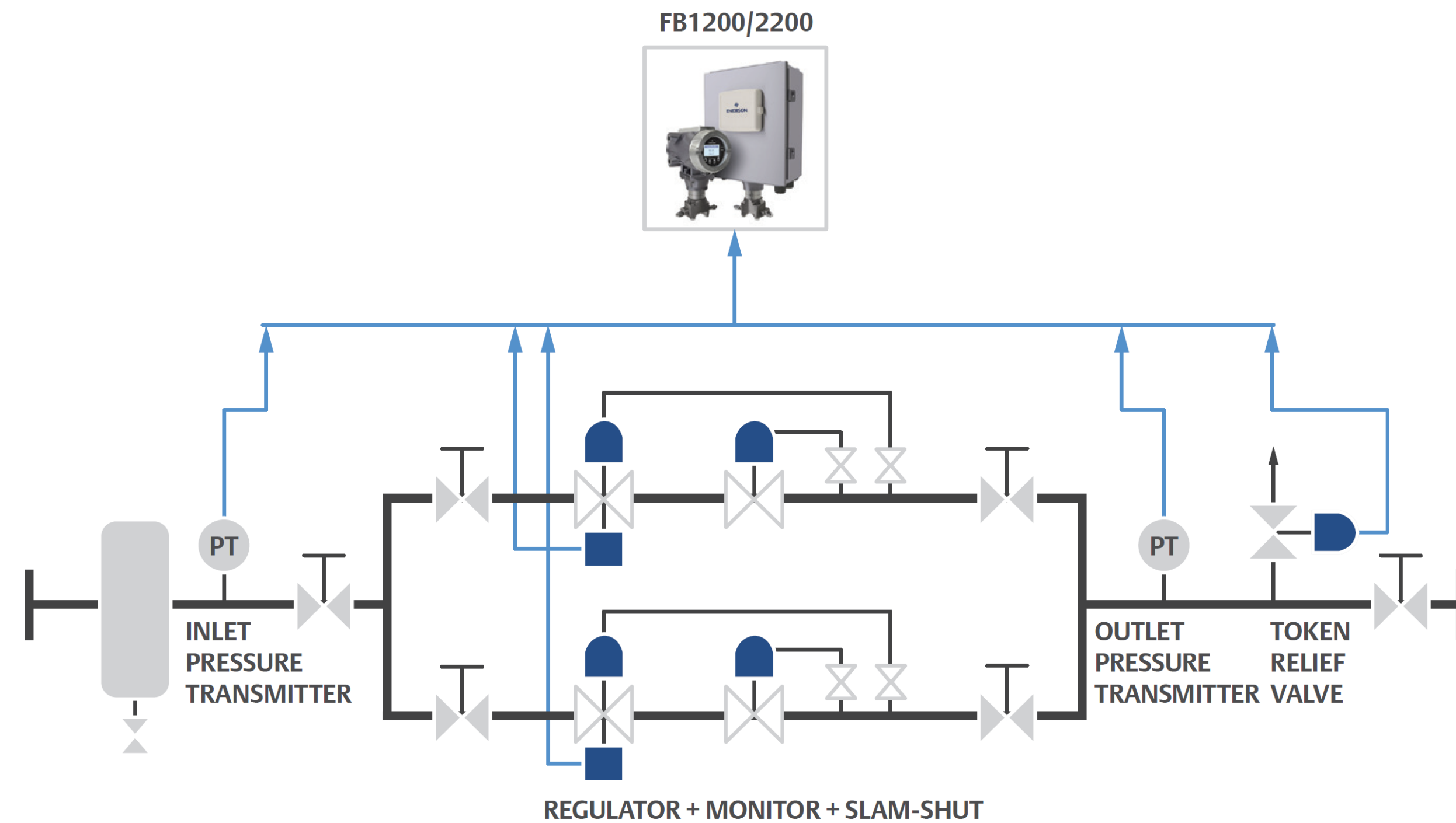




# General Monitoring and Recording

Combine FB Series flow computers with Rosemount™ pressure transmitters to achieve real-time capture, storage and communication of overpressure events.

-   Flow Computer and Remote Terminal Unit
-   Pressure Transmitter

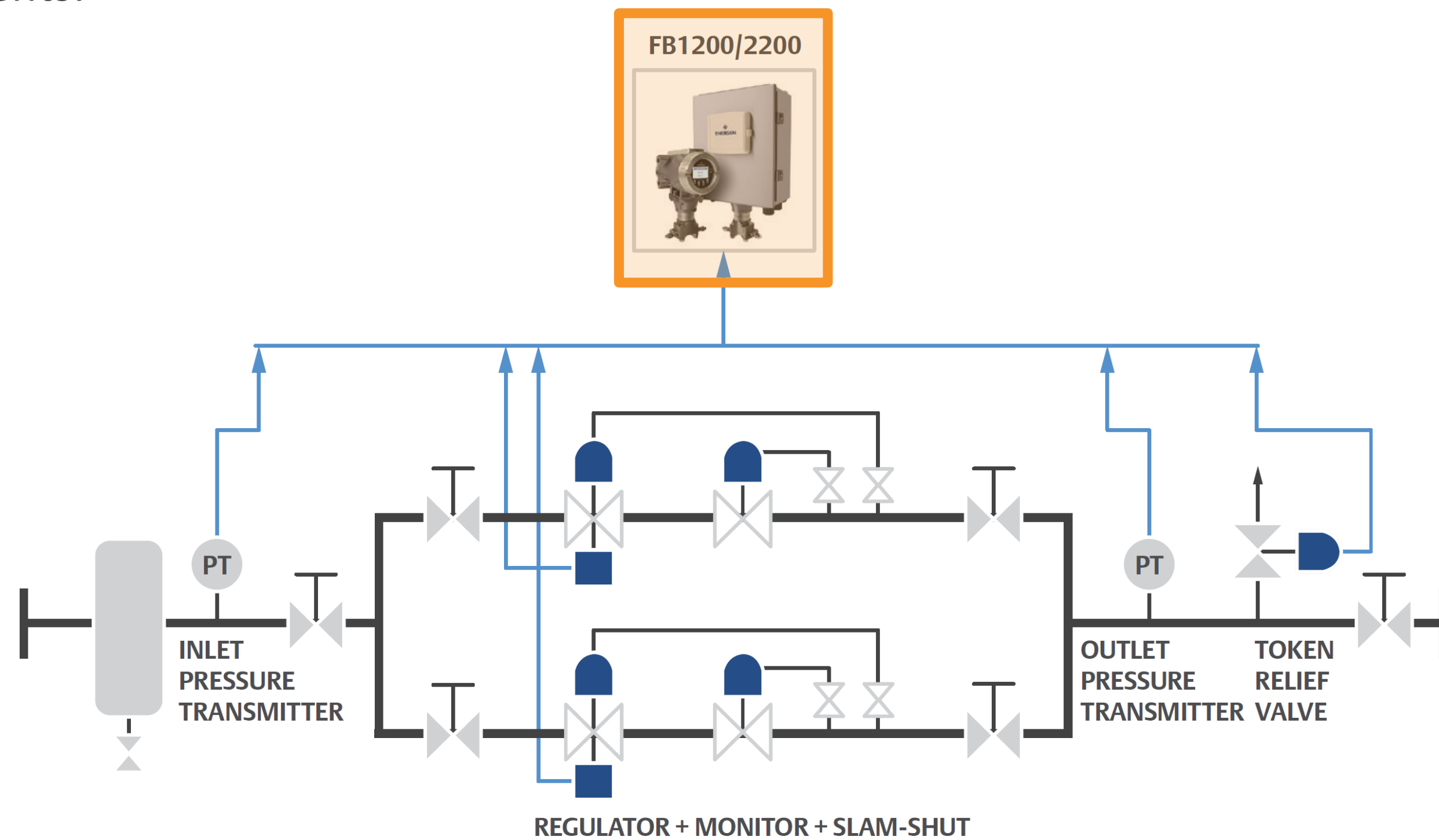




# General Monitoring and Recording

Combine FB Series flow computers with Rosemount™ pressure transmitters to achieve real-time capture, storage and communication of overpressure events.

- Tap for more [Flow Computer and Remote Terminal Unit](#)
- [Pressure Transmitter](#)



## Flow Computers



A gathering point for all data being communicated to the central SCADA control room. FB Series flow computers maximize uptime and enable operators to manage multiple device connections.

[FB1000 & FB2000 product webpage](#)

- Tap for more [FB1000 and FB2000 Series Flow Computers](#)
- [FB3000 Remote Terminal Unit](#)

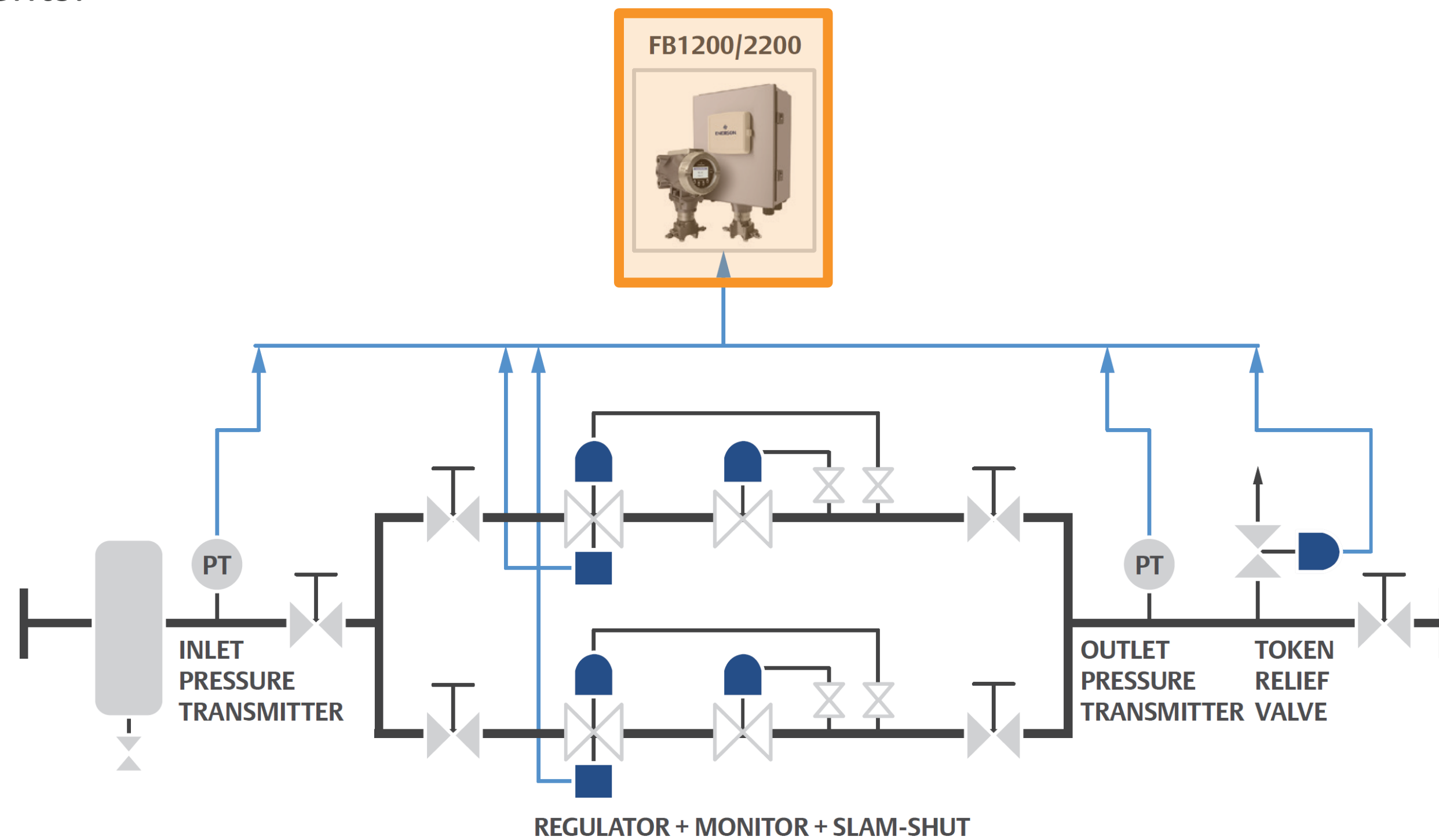
[All Applications](#)



# General Monitoring and Recording

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- Tap for more [Flow Computer and Remote Terminal Unit](#)
- [Pressure Transmitter](#)



- Tap for more [FB1000 and FB2000 Series Flow Computers](#)
- [FB3000 Remote Terminal Unit](#)

## Remote Terminal Unit



Offers industry-leading configurability and programmability in one easy-to-use controller. The FB3000 RTU is scalable, allowing your operation to evolve with your changing site requirements.

[FB3000 product webpage](#)

[All Applications](#)



# General Monitoring and Recording

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## Pressure Transmitter



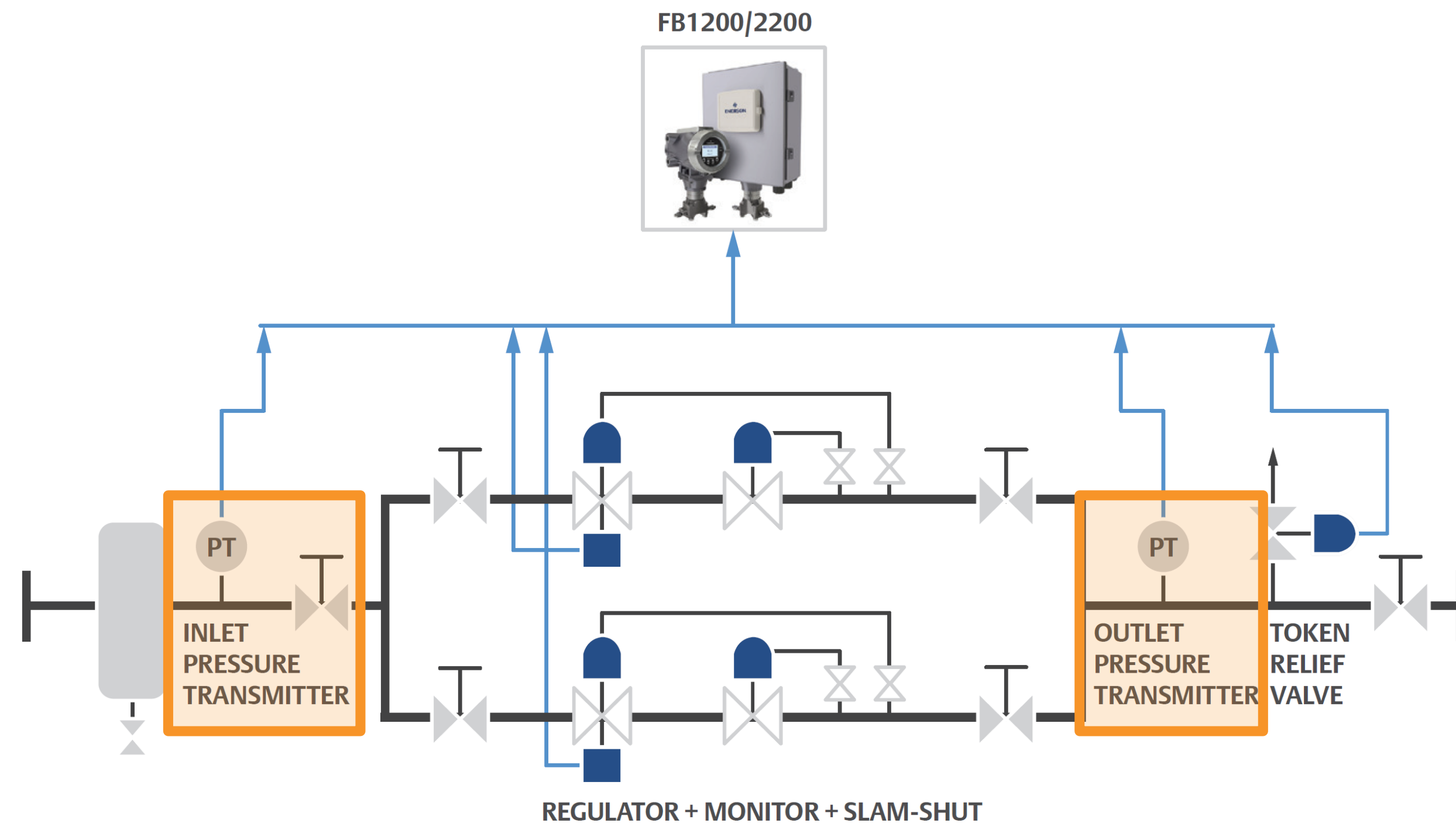
The industry standard for differential, gage, and absolute pressure measurement

- Engineered with power advisory diagnostics, which detect electrical loop integrity issues to reduce downtime

[Rosemount 3051 product webpage](#)



[All Applications](#)

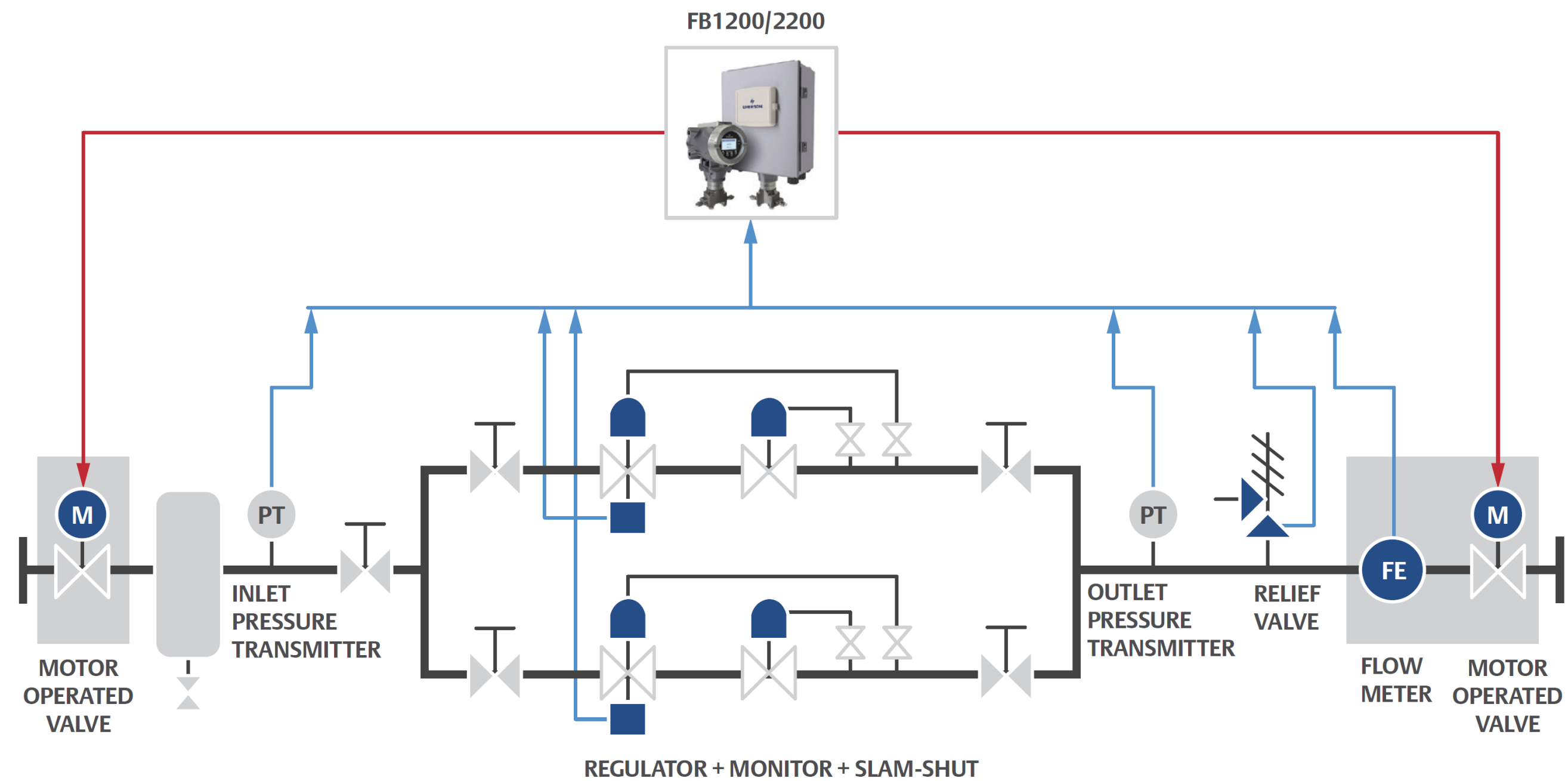




# Advanced Station Monitoring, Control and Flow Measurement

Maximize the functionality of FB Series flow computers by integrating valves and primary flow meters from Emerson's product range for a single-source solution.





- Tap for more
- Flow Computer and Remote Terminal Unit
  - Pressure Transmitter
  - Motor Operated Valve

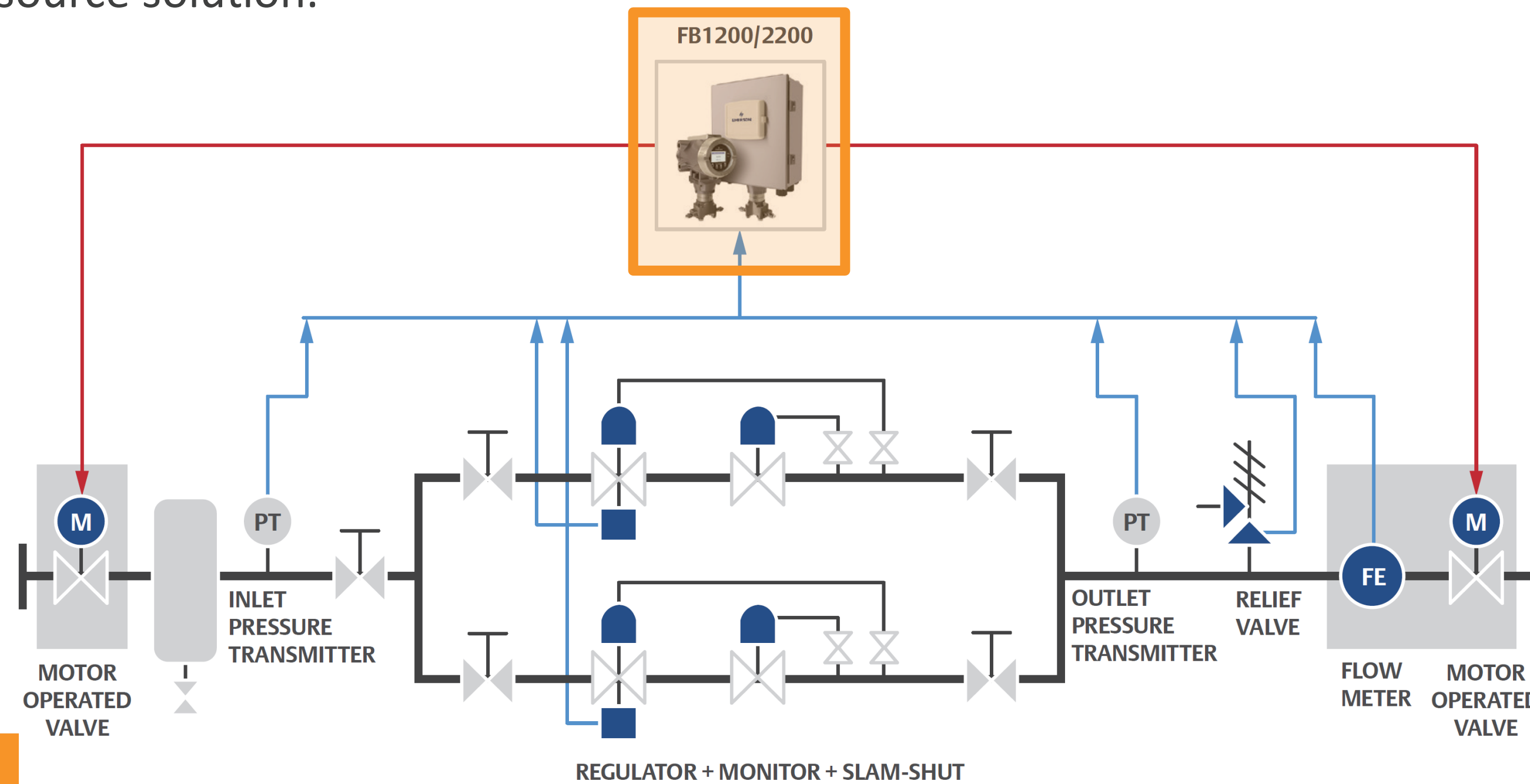




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-  Tap for more
-  **Flow Computer and Remote Terminal Unit**
-  Pressure Transmitter
-  Motor Operated Valve




## Flow Computers



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[FB1000 & FB2000 product webpage](#)




-  Tap for more
-  **FB1000 and FB2000 Series Flow Computers**
-  FB3000 Remote Terminal Unit

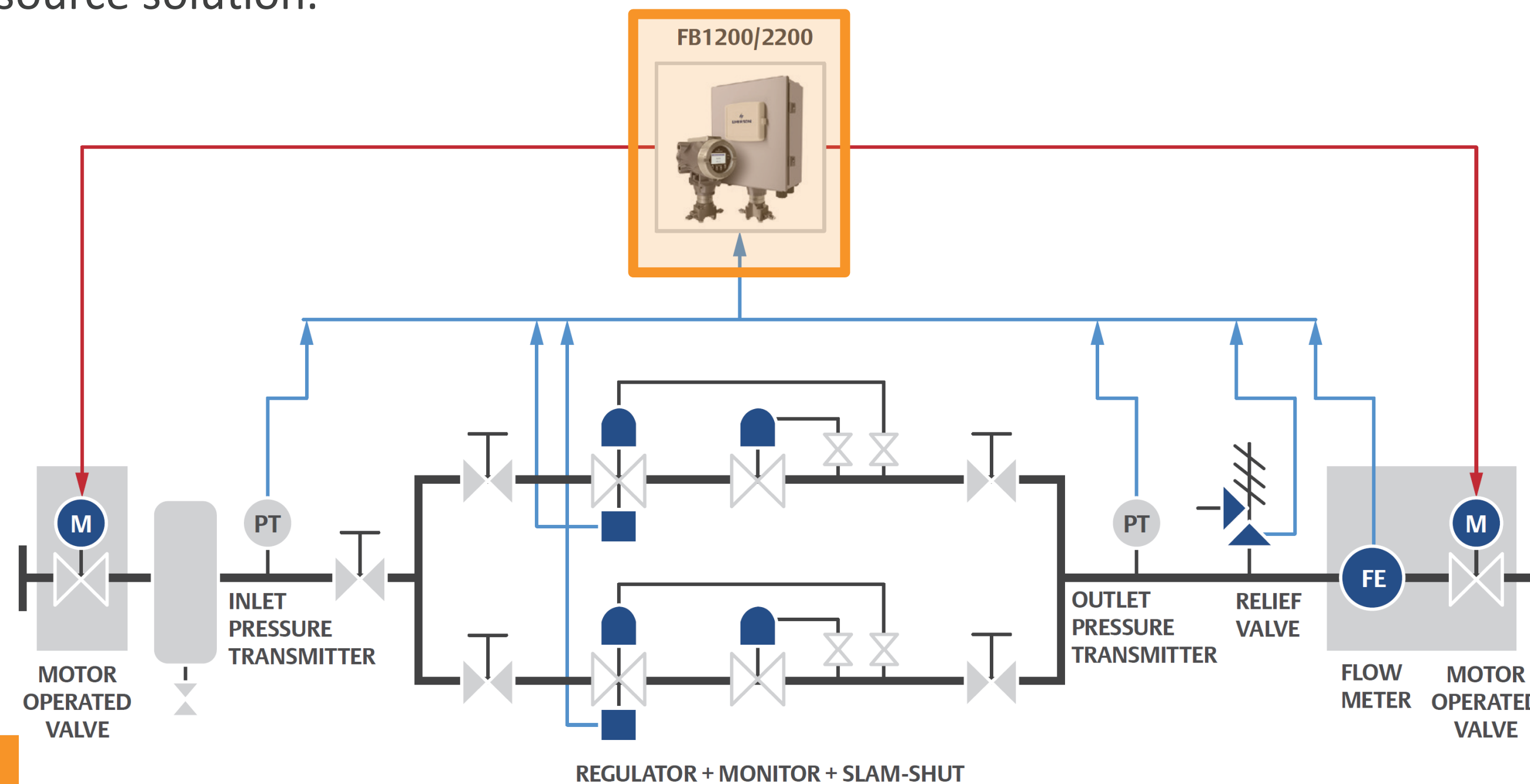
[All Applications](#)



# Advanced Station Monitoring, Control and Flow Measurement

Maximize the functionality of FB Series flow computers by integrating valves and primary flow meters from Emerson's product range for a single-source solution.

-  [Flow Computer and Remote Terminal Unit](#)
- [Pressure Transmitter](#)
- [Motor Operated Valve](#)




## Remote Terminal Unit X



Offers industry-leading configurability and programmability in one easy-to-use controller. The FB3000 RTU is scalable, allowing your operation to evolve with your changing site requirements.

[FB3000 product webpage](#) 

-  [FB1000 and FB2000 Series Flow Computers](#)
- [FB3000 Remote Terminal Unit](#)

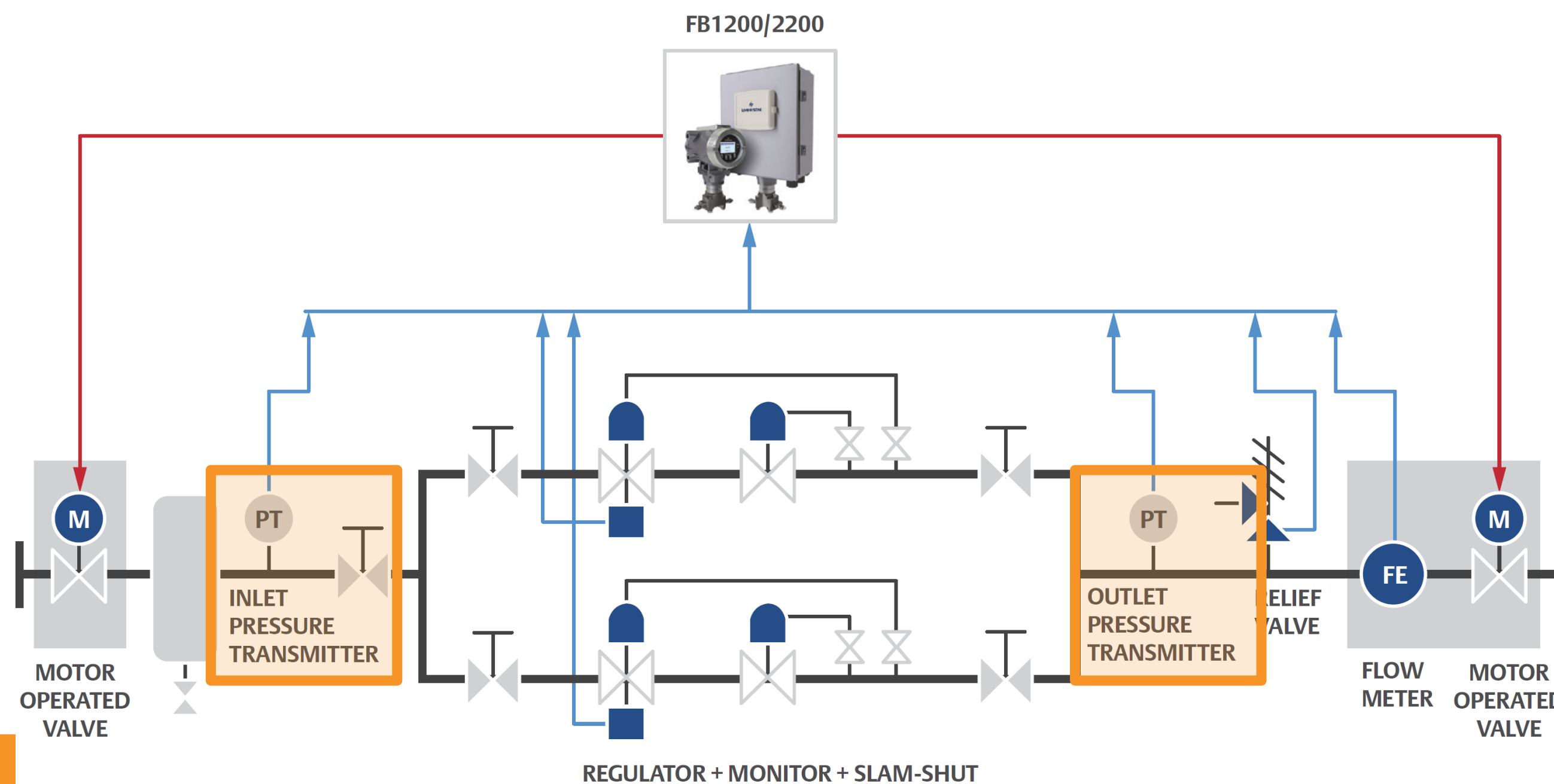
 [All Applications](#)



# Advanced Station Monitoring, Control and Flow Measurement

Maximize the functionality of FB Series flow computers by integrating valves and primary flow meters from Emerson's product range for a single-source solution.

- Tap for more
- Flow Computer and Remote Terminal Unit
- Pressure Transmitter
- Motor Operated Valve



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[Rosemount 3051 product webpage](#)

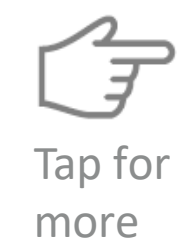
All Applications



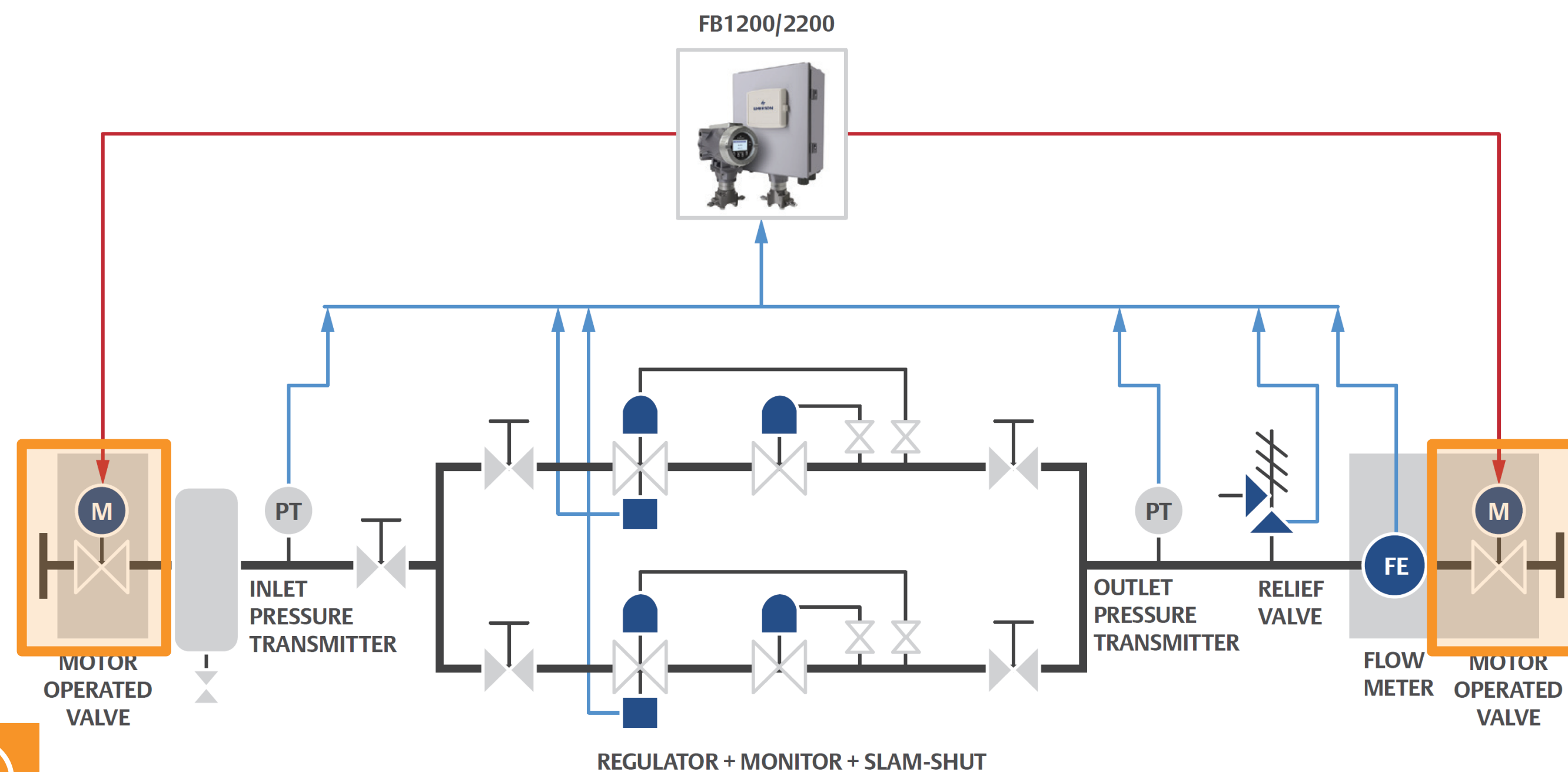


# Advanced Station Monitoring, Control and Flow Measurement

Maximize the functionality of FB Series flow computers by integrating valves and primary flow meters from Emerson's product range for a single-source solution.



- Flow Computer and Remote Terminal Unit
- Pressure Transmitter
- Motor Operated Valve



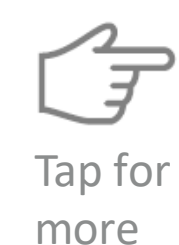
## Motor Operated Valve



Ensure positive shut-off with KTM E-Seat®. Fugitive emissions control for flammable and non-flammable applications.

- A new generation of ball valves with LOW-E fugitive emission certification, cavity relieving seats and ease of automation

[KTM Ball Valve product webpage](#)



- KTM Ball Valves
- BETTIS TorqPlus Electric Valve Actuator

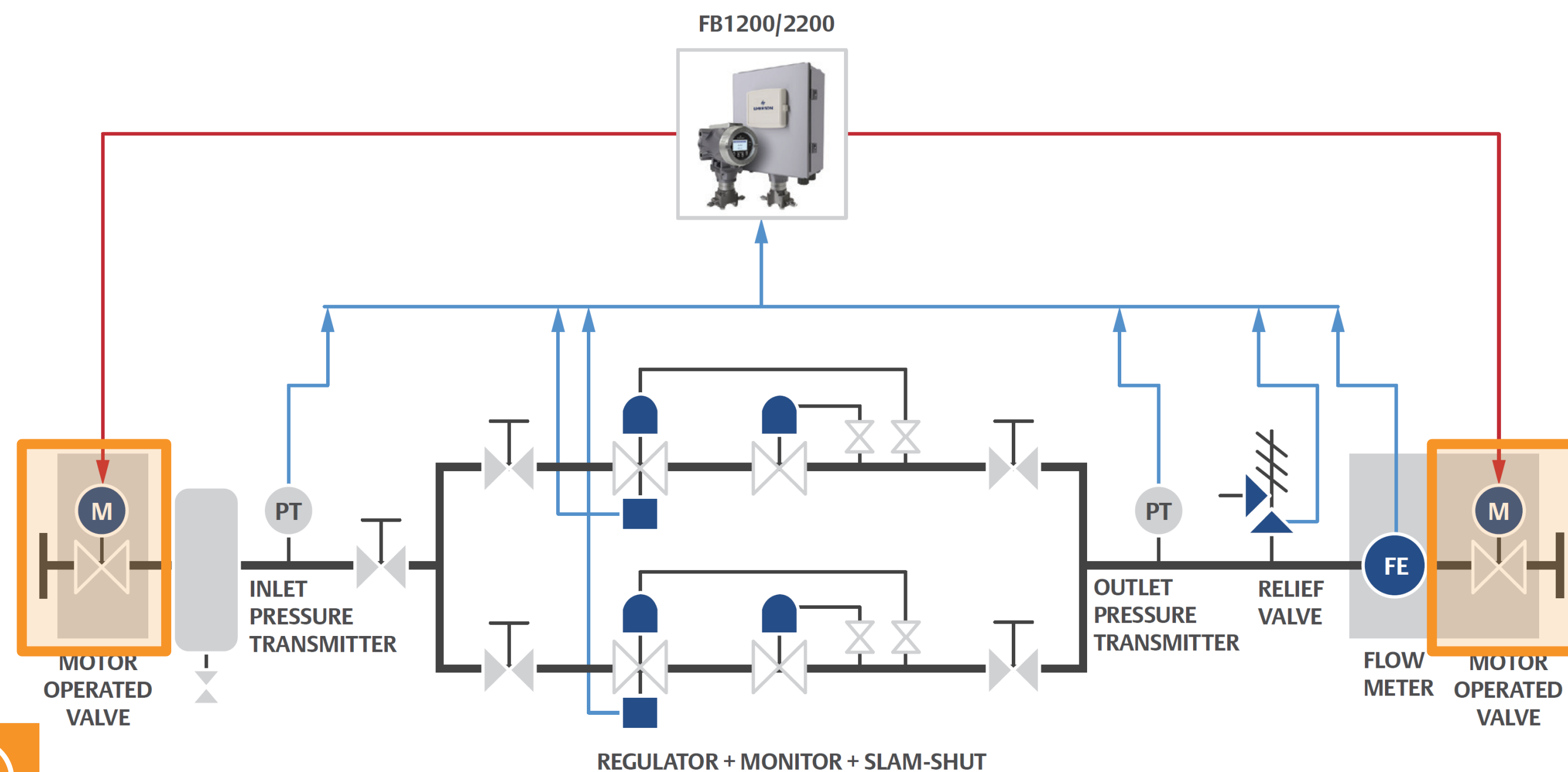
[All Applications](#)



# Advanced Station Monitoring, Control and Flow Measurement

Maximize the functionality of FB Series flow computers by integrating valves and primary flow meters from Emerson's product range for a single-source solution.

- Tap for more
- [Flow Computer and Remote Terminal Unit](#)
- [Pressure Transmitter](#)
- [Motor Operated Valve](#)



## Motor Operated Valve



Robust, easy to service, quarter-turn electric actuator

- Employs a unique modular design to allow for simple retrofits using over 200 different accessory kits




[Bettis TorqPlus product webpage](#)

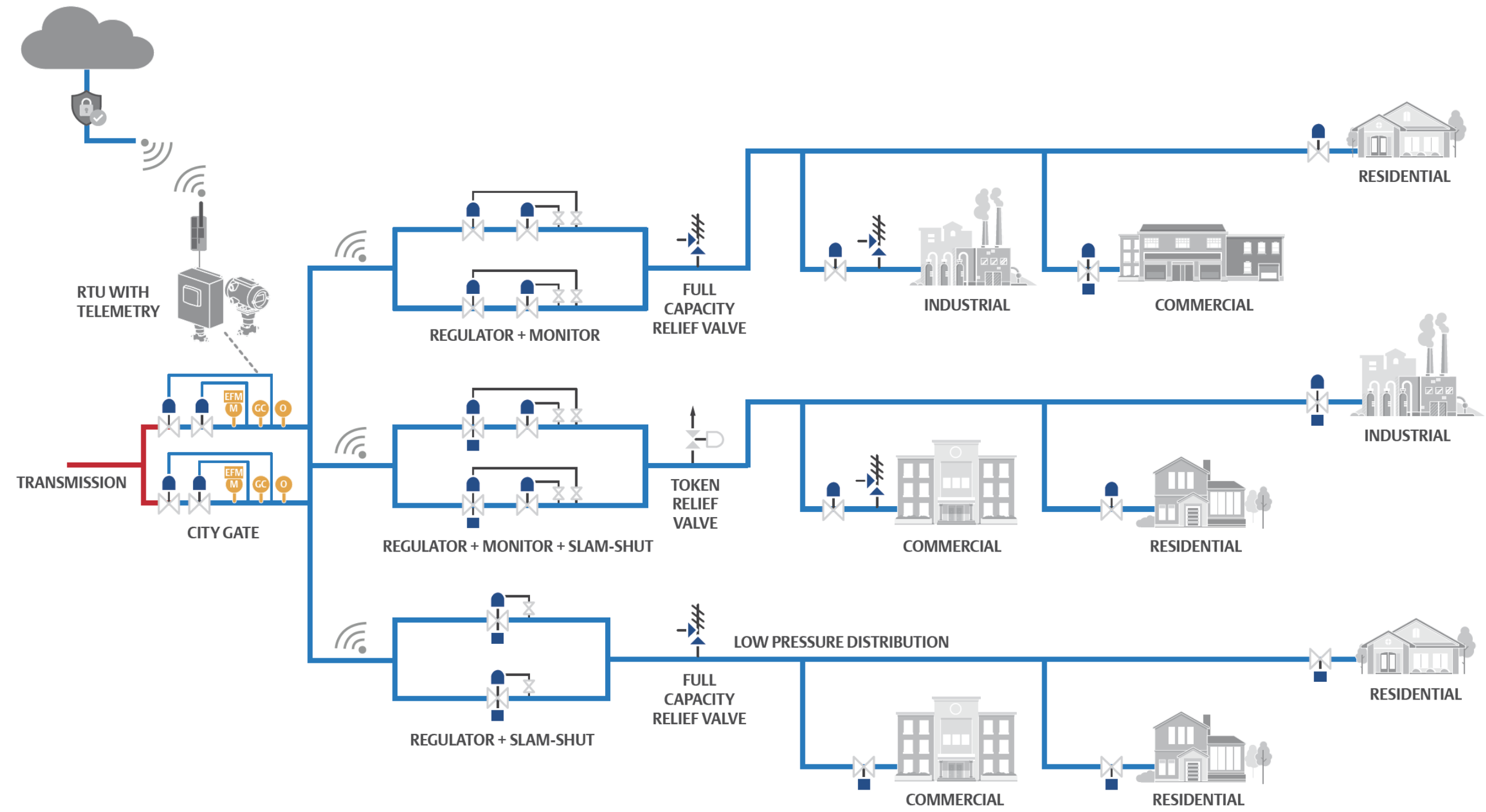
- Tap for more
- [KTM Ball Valves](#)
- [BETTIS TorqPlus Electric Valve Actuator](#)

[All Applications](#)

# SCADA Monitoring

SCADA systems provide scalable system monitoring, from single sites to thousands of monitoring points, with easy integration of remote field devices. Emerson provides a wide range of SCADA solutions.

- 
Tap for more
- 
On-Premise Host solutions
- 
Off-Premise Cloud Based Host solutions

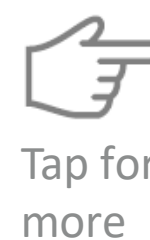


 All Applications



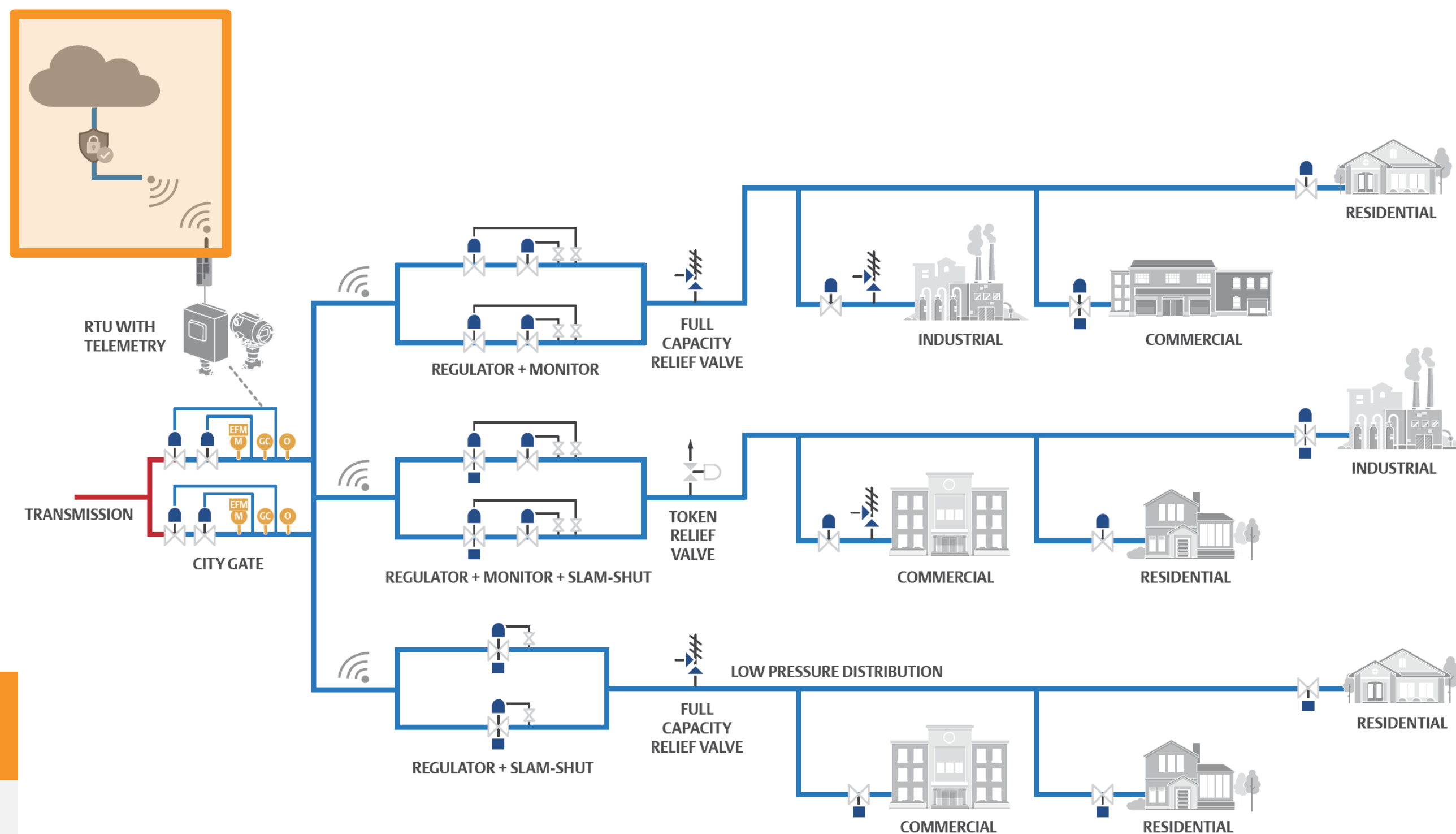
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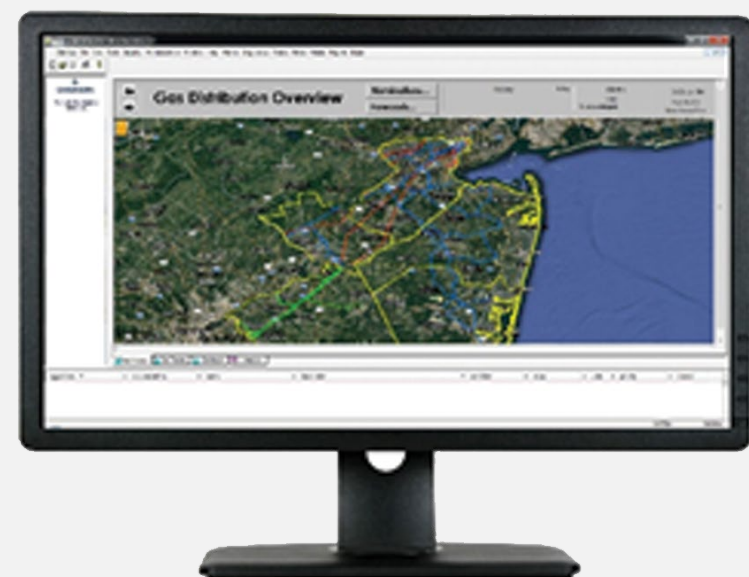


On-Premise Host solutions

Off-Premise Cloud Based Host solutions



## OpenEnterprise™ On-Premise Host Solution



- Our robust SCADA offering, OpenEnterprise™ collects, stores and visualizes your infrastructure
- Internal asset tools, comprehensive trending and workflow modeling compliments control room activity

OpenEnterprise™ webpage

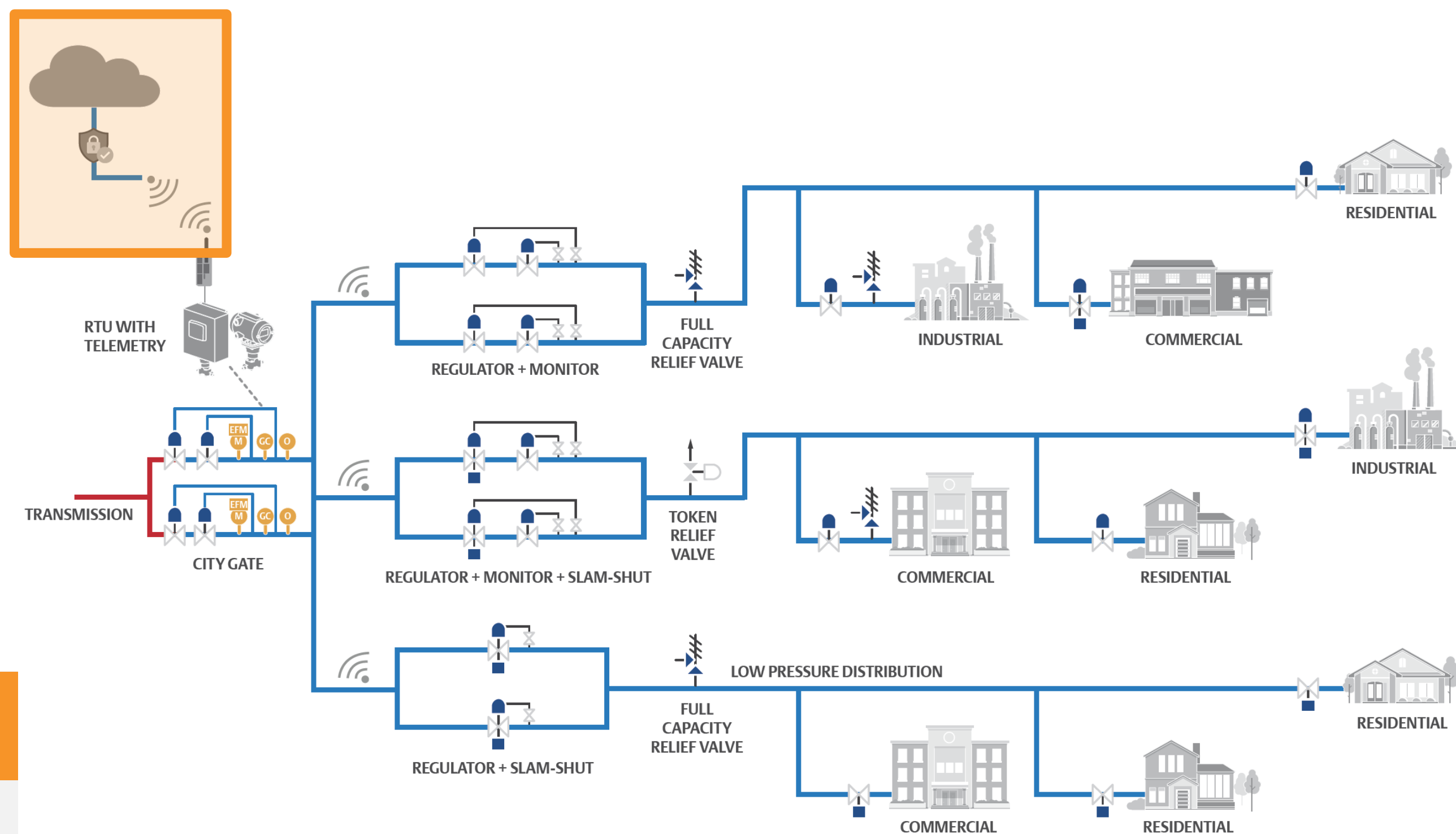
All Applications



# SCADA Monitoring

SCADA systems provide scalable system monitoring, from single sites to thousands of monitoring points, with easy integration of remote field devices. Emerson provides a wide range of SCADA solutions.

- Tap for more On-Premise Host solutions
- Off-Premise Cloud Based Host solutions



## Zedi Access™ Cloud Based Host Solution



- Cloud based hosting offers an option to replace on-premise SCADA for reduced total cost of ownership
- Standard SCADA functionality is enhanced by a cloud based network with simplified maintenance and improved networkability

Zedi Cloud SCADA webpage

- Tap for more Zedi Access™ Cloud Based Host Solution
- Zedi Go App for Mobility

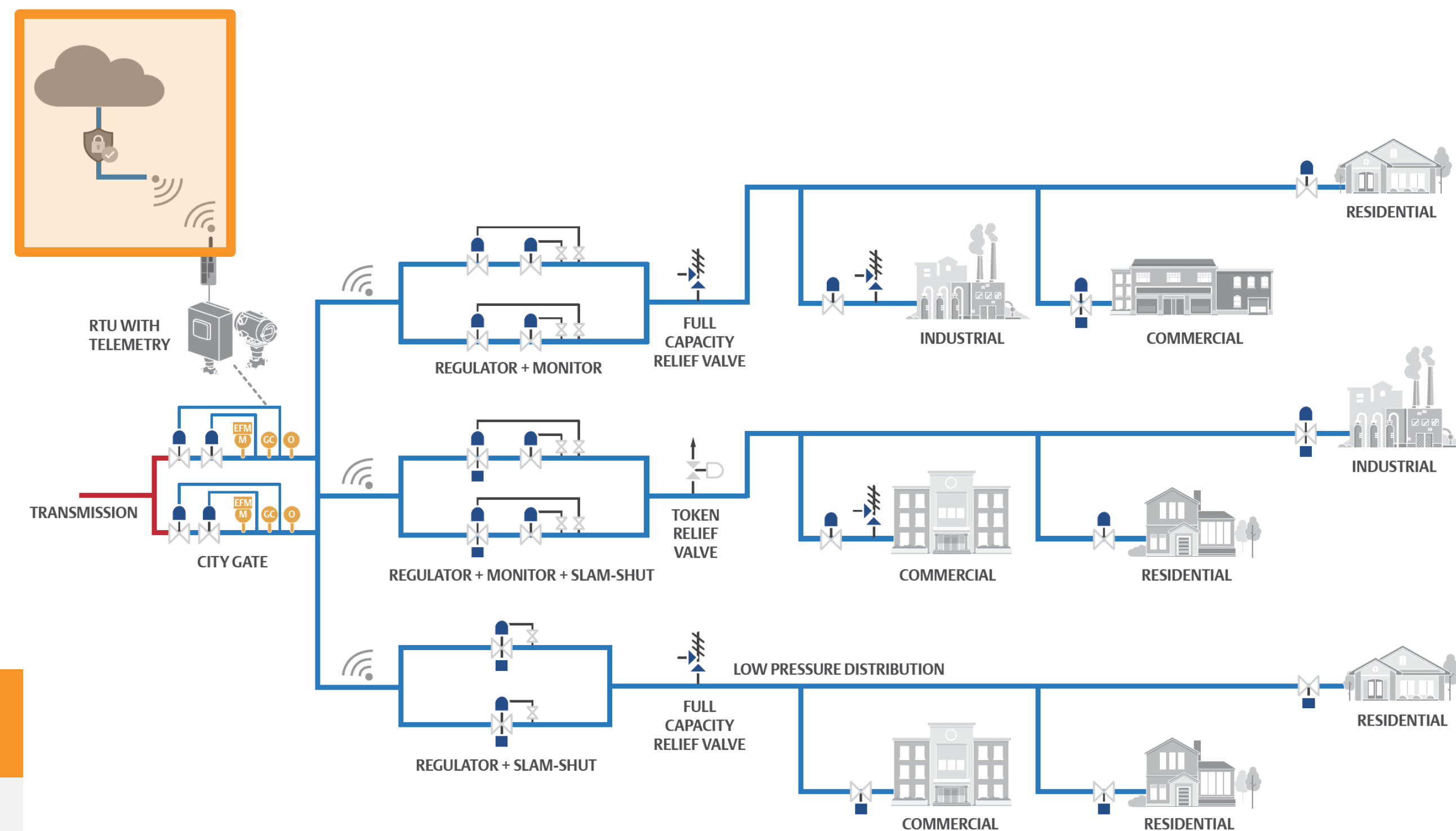
All Applications



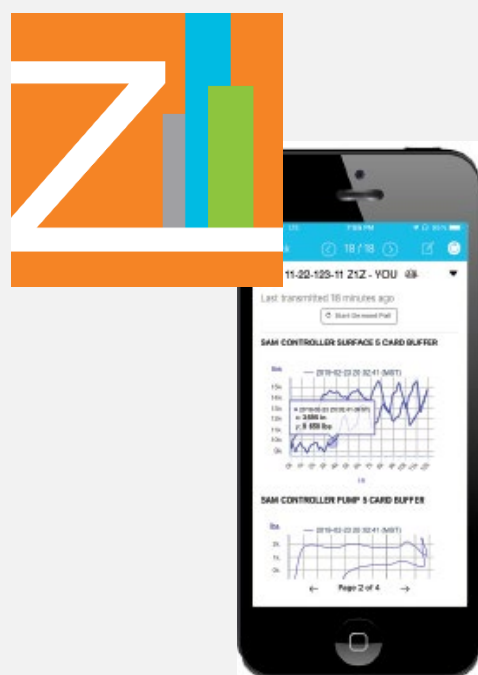
# SCADA Monitoring

SCADA systems provide scalable system monitoring, from single sites to thousands of monitoring points, with easy integration of remote field devices. Emerson provides a wide range of SCADA solutions.

- Tap for more On-Premise Host solutions
- Off-Premise Cloud Based Host solutions



## Zedi Go App for Mobility



- Access via smart phones and tablets. Easily view trend graphs of recent performance
- Prioritize work in the field based on current alarm information. Automatically push data to other systems or to custom reports

Zedi Cloud SCADA webpage

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All Applications



## Continuous support in the face of changing regulations

Our partnership does not end with an extensive portfolio of solutions. Emerson helps to maximize your investment with industry-defining end-to-end support for education, training and lifecycle services. Improve your workforce with a full range of training options from Emerson's Educational Services. Need some help with startup on a complex project, or maintenance to keep your gas network operating safely, reliably and economically? Our Lifecycle Services can provide support and expertise.

Tap for more



**Education & Training**



**Lifecycle Services**

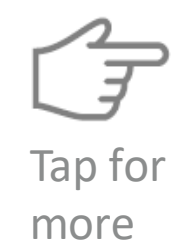


 **All Applications**



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**Education & Training**



**Lifecycle Services**

## Leverage our educational offerings to train new hires, upskill your current workforce or help your team adapt to new technology or products.



- Courses are a blend of onsite, e-learning and virtual classroom modules
- Engage with industry experts at a location and time that works best for you
- Our virtual classroom delivers real-time, value-based instructor led training to your desktops, no traveling required
- We also offer courses at Emerson training centers located strategically around the world



[Educational Services & Training Webpage](#)

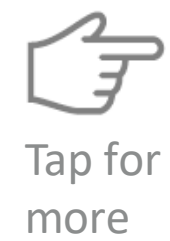






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**Education & Training**



**Lifecycle Services**

**Emerson Lifecycle Services provides customers with the expertise, technology and processes that can help you operate safely, improve asset reliability and optimize gas distribution.**



- Service support to execute the maintenance strategy that best suits your operation and budget
- Emerson’s local service centers and global network offer a wide inventory of factory-certified parts
- Startup and commissioning services to aid in a safe, timely startup of your process
- Assess the reliability, security and performance of your assets using our site walkdown and evaluation services

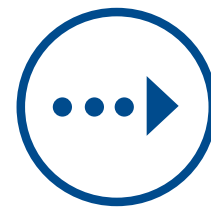


[Lifecycle Services Webpage](#)



**All Applications**

Learn more about OPP



# Overpressure Protection Solutions

Regulators, Valves, Actuators, Transmitter, Monitoring System & Services



**EMERSON**<sup>TM</sup>