# **Industrial Regulators - Product Overview**

## Regulator Solutions for Process Plants, General Manufacturing and Commercial Service

#### AIR

Optimize energy efficiency of air systems by using accurate and durable instrument supply regulators, switching/lockup/trip valves and pneumatic panel loaders, which are available with filters and reliefs.



67C Series Instrument Supply Regulators



67D Series Pressure Reducing Regulators



167D Series Switching Valves



Types 1301F/1301G High Pressure Regulators



Type 1098-EGR Pressure Reducing Regulator

#### **STEAM**

Ensure accurate regulation and long service life in varying steam service conditions with pressure reducing and backpressure regulators for pressure reducing stations, steam tracing, steam injection, feedwater heater supply and flash tanks.



Type 92B



Type 92S



Type 92C



MR95 Series Pressure Reducing Regulators with Steam Construction Option



MR98 Series Backpressure and Relief Valve with Steam

# TANK BLANKETING / VAPOR RECOVERY

Reduce stored product volatility and enhance worker safety with protective blanketing and recovery systems controlled with accurate, low maintenance devices, which are available with special constructions for corrosive environments Select products available in sanitary constructions with FDA/ADI/USP Class VI-approved wetted elastomers.



T205/T208 Series Tank Blanketing and Vapor Recovery Regulators



Type Y693 Gas Blanketing Regulato



Type ACE95 Vapor Saver Tank Blanketing Valve



Type Y696 Tank Vapor Recovery Regulator



Types 1190/1290 Tank Blanketing and Vapor Recovery Pilot Operated Regulators

#### **LIQUIDS**

Protect against corrosion and ensure stability with special construction materials and large turndown-ratio designs for lube oil, seal oil, condensate and water applications. Select products available in sanitary constructions with FDA/ADI/USP Class VI-approved wetted elastomers.



MR95 Series Pressure Reducing Regulator with Special Alloy Construction



Type MR105/MR108 Pressure Reducing and Backpressure Relief Liquid Regulators



Type 92W Pressure Reducing Liquid Regulator



Type 63EG-98H Pilot-Operated Backpressure / Relief Valve



Type LR125/LR128 Pressure Reducing and Backpressure Control Liquid Regulators

#### **PROCESS GASES**

Confidently regulate facility-wide gases and protect against unwanted chemical reactions with industry-proven regulator and backpressure valves for dry gas seal compressors, batch reactors, burners, mixers and vacuum control systems. Special constructions for cryogenic and oxygen service available. Select products available in sanitary constructions with FDA/ADI/USP Class VI-approved wetted elastomers.



MR95 Series Pressure Reducing Regulators



MR98 Series Backpressure and Relief Valves



T205 Series Tank Blanketing Regulators



T205VB Series Vacuum Breaker



Type 1098-EGR Pressure Reducing Regulator

### **FUEL GAS**

Reduce unplanned shutdowns by ensuring accurate and reliable fuel gas distribution throughout plant utility systems with fast responding and easily maintained fuel and pilot gas regulators.



CS400 Series



Type CS800



133 Series



99 Series



#### **SANITARY**

Maintain high purity process pressure control with self-draining, polished 316L stainless steel regulators and backpressure valves that meet ASME BPE and European hygienic standards, which are applicable for clean steam and water-for-injection systems.



PRODUCT AND APPLICATION RESOURCES

CAD Drawings are also available online

Visit the Online Product Catalog to view Bulletins, Instruction Manuals, Brochures and Schematics.



Industrial Regulators Application Guide:

Convenient online

eBook with product
specifications, along with
a comprehensive technical
guide that provides best
practices and principles of
pressure regulators.



Regulato Toolkit:

Download for more product information and sizing and selection wizard.





# **Unparalleled Support**



Over 50% of unplanned shutdowns are related to human factors. Minimize unscheduled down time by increasing your knowledge. Rely on Emerson for expert assistance and training.

#### Expert help when you need it the most.

Emerson state-of-the art flow and materials labs provide an extensive worldwide network of engineers, application experts and sales professionals to help you size, select and troubleshoot your pressure regulators. Emerson test and evaluation teams provide flow, material and environmental testing under real-world operating conditions before you place them in your application.

## Training to help you effectively maintain your systems.

No other regulator manufacturer in the world offers more products and local services dedicated to safe, effective applications than Emerson. We strive to be the leader in training pressure control personnel.

Emerson offers a wide array of onsite and offsite training for all levels of your organization. Together with our local business partners we work with you to develop training that fits the needs of your team, whether it is application training for engineers, operational training for operators or maintenance training for technicians. With our courses, your personnel can learn to:

- Perform maintenance on regulators
- Troubleshoot field problems
- Understand the influence of the service environment on regulator performance
- Properly size regulators

#### **Emerson Automation Solutions**

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