

PRESSURE CONTROL SOLUTIONS

Powering data center reliability, efficiency, and rapid expansion with proven pressure control solutions.

Pressure control solutions focused on maintaining precise pressure, rapid response to load changes, and safety in sustaining data center infrastructures.

MAINTAIN SYSTEM STABILITY

Enhance Efficiency and Reduce Emissions

Ensure safe, uninterrupted, and accurate gas supply, supporting system stability even under varying flow conditions with zero emission pressure control.

HIGH RELIABILITY & SAFETY

Protect Safety-Critical Systems Without Compromise

"Wide-Open" and "Working" Monitor regulators that ensure continuous service in the event of primary regulator failure during over pressure.

Slam Shut – Mechanical device that will shut off gas flow when it senses an over or under pressure event. Can be installed independently or attached to an existing pressure regulator valve body to save space and avoid piping modifications.

Noise attenuation options can reduce noise (10 to 20 dB) depending on application.

WIDEST INDUSTRY OFFERING

Meet Aggressive Construction and Expansion Timelines

Backed by worldwide manufacturing and supply chain strength, Emerson's pressure regulating products provide dependable availability when it matters most.

FUEL FLEXIBILITY

Fuel Flexibility

Regulators are Hydrogen ready, suitable to handle most gas compositions.

EMERSON™

Featured Products

Emerson's pressure control portfolio supports reliable fuel gas management across all stages, from transmission letdown through final engine control. These solutions help data centers operate safely, efficiently, and on schedule as demand grows.

Primary Pressure Reduction (Letdown Station)

Reducing pressure from high-pressure transmission levels (100 bar / 1500 psi down to 1-20 bar / 15-290 psi) for distribution

Fisher™ EZH and EZHSO Series



Tartarini™ FL Series Pressure Reducing Regulator



Fisher EZR Series Pressure Reducing Regulator



Tartarini Cronos Series Pressure Reducing Regulators



Fuel Gas Regulator Skid (Knockdown Station)

Reducing the distribution pressure 20 bar / 300 psi down to acceptable pressures for the reciprocating engine 1 bar / 15 psi / 400 in. w.c.

Fisher Types 1098-EGR and 1098H-EGR Pressure Reducing Regulators



Fisher 627 Series Commercial / Industrial Regulators



Fisher LSR Series Regulators



Tartarini Type FL-BP Pressure Reducing Regulator



Engine Fuel Gas Pressure Control (Final Stage)

To maintain the exact injection pressure required by the fuel headers. Taking inlet pressures of 1 bar / 15 psi into outlet pressures of 12-35 mbar / 0.2-5 psi / 5-14 in. w.c. The outlet pressures are typically specified by the type of engine it is feeding into.

Fisher 133 Series Pressure Reducing Regulators



Fisher 299H Series Pressure Reducing Regulators



Fisher CS800 Series Regulators



Note: Featured products listed by pressure cut stages are for guidance only. Contact your Emerson Impact Partner with specific process conditions so that proper equipment can be selected and sized.

Learn more at Emerson.com/dcvalves

Emerson

Americas
T +1 800 558 5853
T +1 972 548 3574

Europe
T +39 051 419 0611

Asia Pacific
T +65 6777 8211

Middle East / Africa
T +971 4811 8100

webadmin.regulators@emerson.com
Emerson.com
Facebook.com/EmersonAutomationSolutions
LinkedIn.com/showcase/Emerson-Final-Control
X.com/emr_automation

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