

High Pressure Transmission and Distribution Pressure Control



TARTARINI™ Type FL Pressure Reducing Regulators

Introduction

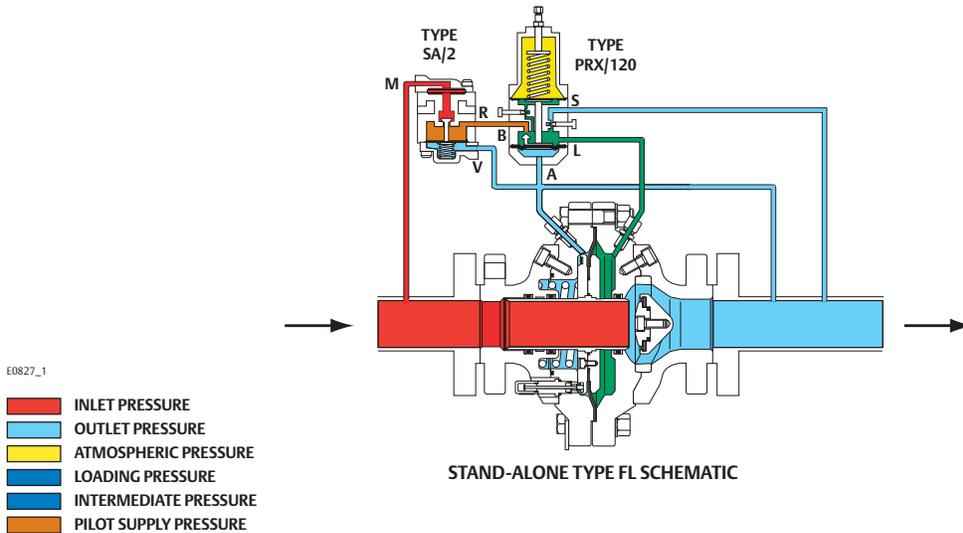
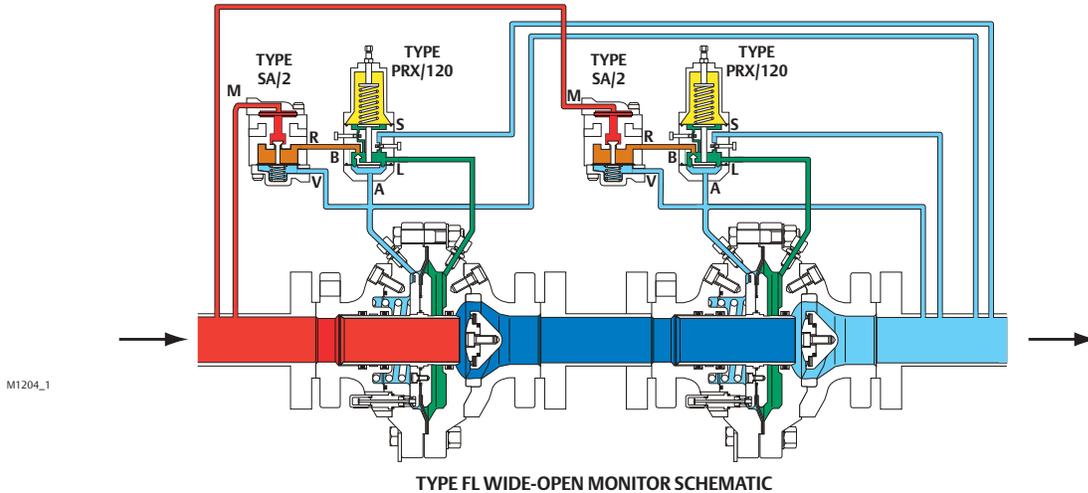
Type FL regulators are accurate pilot-operated, pressure balanced, soft seated regulators designed for high-pressure transmission/city gate stations, large capacity distribution systems and power plant feeds.

Features

- **No Atmospheric Bleed**—Eliminates nuisance and wasteful bleed gas to atmosphere by utilizing a self-contained control system, which bleeds 100% of the gas to the downstream system.
- **Quiet Operation**—Noise attenuation that reduces noise by up to 25 dBA at the source, eliminating the need for expensive path treatments such as buried valves and enclosures which only mask noise.
- **High Capacity**—The highly efficient axial flow design produces exceptionally high capacities.
- **Long Life in Severe Service Applications**—The metal plug design deflects particles and debris away from the soft-seat, which gives excellent particle erosion resistance.
- **Precise Pressure Control**—Provides accurate downstream pressure control regardless of inlet pressure variations or demand changes.
- **Easy In-Line Maintenance**—Outlet flange spacer allows trim parts such as the disk holder to be inspected, cleaned and replaced without removing the body from the pipeline.
- **Bubble-Tight Shutoff**—A knife-edged metal plug and soft seat provide bubble tight shutoff for use in applications where positive shutoff is required such as dead-end systems.
- **Full Pressure Rating**—The equal inlet and outlet pressure rating of 1480 psig / 100 bar, which allows easier selection and requires no special startup or shutdown procedures.



Operational Schematic



Specifications

- **Body Sizes:** NPS 1, 2, 3, 4, 6, 8 and 10 / DN 25, 50, 80, 100, 150, 200 and 250
- **End Connections:** CL300 RF, CL600 RF
- **Inlet Pressure:** 1480 psig / 102 bar
- **Outlet Pressure Range:** 14.5 to 1160 psig / 1.0 to 80.0 bar
- **Outlet (Casing) Pressure:** 1480 psig / 102 bar
- **Emergency Casing Pressure:** 1480 psig / 102 bar
- **Temperature Capabilities:** -20 to 140°F / -29 to 60°C
- **Pressure Registration:** External

Emerson Automation Solutions

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

🔍 Tartarini-NaturalGas.com

📘 Facebook.com/EmersonAutomationSolutions

🌐 LinkedIn.com/company/emerson-automation-solutions

🐦 Twitter.com/emr_automation