

Type 971

“Top-Entry” Pilot-Operated Regulators, Meets a Wide Range of Applications, Offering Easy Maintenance and Extremely High Precision

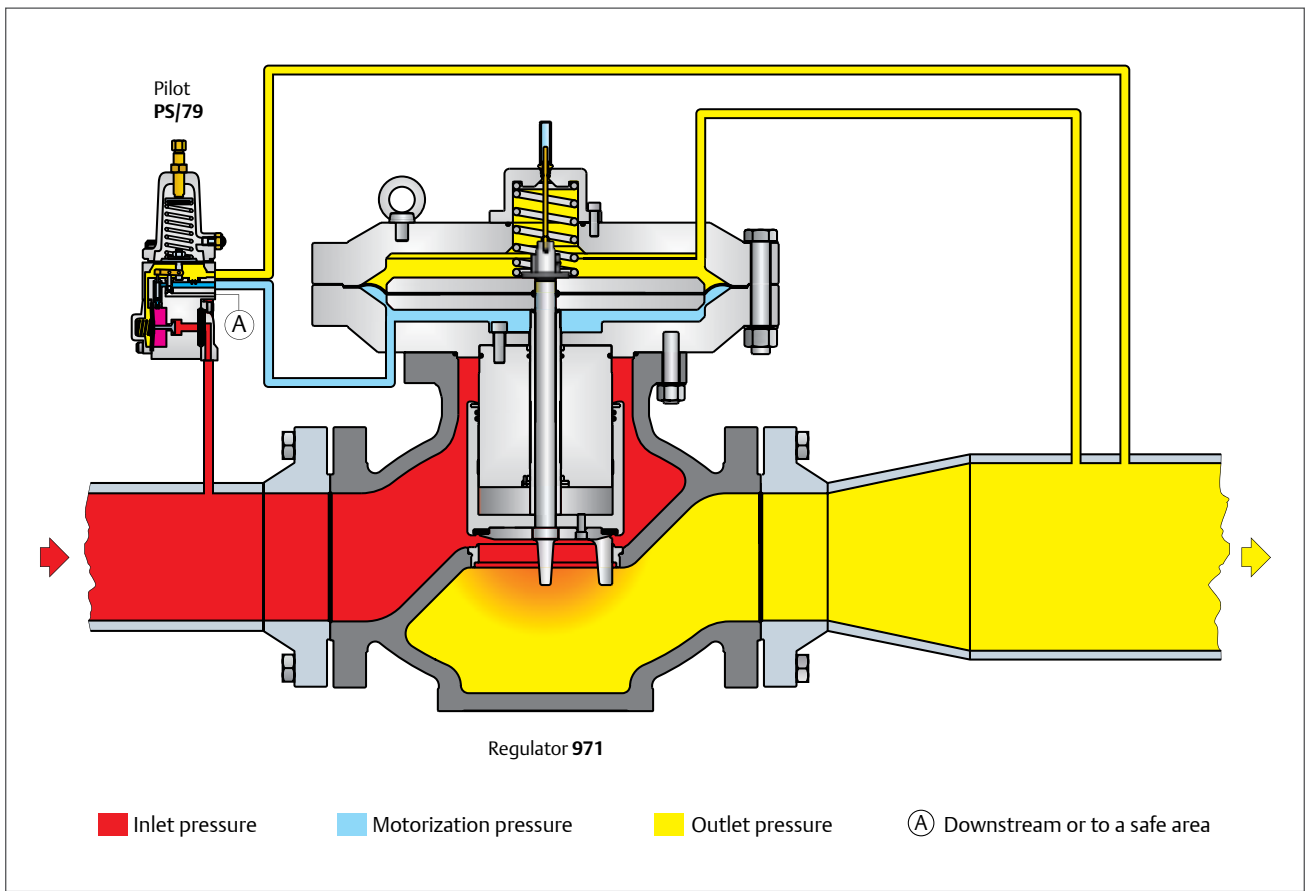


Type 971 Regulator

Benefits:

- Extremely high precision of the regulated pressure, even in the presence of highly variable inlet pressures
- Easy adjustment of the delivery pressure by a simple replacement of the control pilot setting spring
- High versatility for a wide range of different applications

This type of “Top-Entry” regulators were designed to meet a wide range of applications, offering easy maintenance



Type 971 Operational Schematic

Specifications

Available Configurations:

971: Regulator
971-E: Monitor

Flange rating ANSI 300/600

Allowable pressure	PS	: up to 100 bar
Inlet pressure range	b_{pu}	: 1 to 100 bar
Set range	W_d	: 0.5 to 70 bar
Min. operating diff. press.	Δp_{min}	: 0.5 bar
Accuracy class	AC	: up to $\pm 1\%$
Lock-up pressure class	SG	: up to + 5%
Class of lock-up press. zone	SZ	: up to 5%

Flanged connections

Same Inlet and outlet: DN 250

Temperature

Standard version working: $-10\text{ }^{\circ}\text{C}$ $+60\text{ }^{\circ}\text{C}$
Low temp. version working: $-20\text{ }^{\circ}\text{C}$ $+60\text{ }^{\circ}\text{C}$

Materials

Body and covers	Steel
Regulator sleeve	Steel
Seat	Stainless steel
Diaphragm	Fabric Nitrile (NBR)+PVC
Pad	Nitrile (NBR) rubber

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