

### Type 67CFR Instrument Supply Regulator



W7423-1

*Mounted on a Control Valve Controller*



W7412

*With Optional Pressure Gauge*

- Typically Used to Provide Reduced Pressures to Pneumatic and Electro-Pneumatic Instruments
- DN 8 or 1/4-Inch NPT Screwed Connections
- Temperatures to 149°C or 300°F
- Inlet Pressures to 17.2 Bar or 250 Psig
- Outlet Pressure Settings from 0 to 6.9 Bar or 0 to 100 Psig
- Air and Process Gas Service

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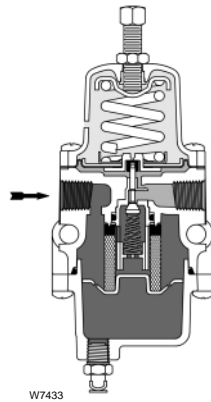


# Industrial Regulators

## 67CFR

Type 67CFR regulators are typically used to provide reduced pressures to pneumatic and electro-pneumatic instruments. These regulators have internal filters with a fee area of 12 times the pipe area. The internal relief valve has a soft seat.

Other applications include providing reduced pressure for air chucks, air jets, and spray guns.



- **Compact, Lightweight Design**
- **In-Line Maintenance**
- **Internal Relief**
- **Integral Filter**
- **Second Outlet for Gauge**
- **Pressure Gauges Available**
- **Dripwell with Drain Valve**

### Body Sizes, End Connections, and Materials

Body Sizes and End Connection	Body, Spring Case, and Dripwell	Filter	Diaphragm and Valve Plug	Gasket
1/4 NPT screwed	Aluminum	Cellulose or stainless steel or glass	Nitrile, fluoroelastomer (FKM), or silicone (do not use silicone with hydrocarbons)	Composition

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### Flow Coefficients for Relief Valve Sizing

Wide-Open  $C_g$ : 11.7

Wide-Open  $C_v$ : 0.36

$C_1$ : 32.2

### Temperatures

**Nitrile:** -29 to 82°C or -20 to 180°F (Optional is -40 to 82°C or -40 to 180°F)

**Fluoroelastomer (FKM):** -18 to 149°C or 0 to 300°F

**Silicone (VMQ):** -51 to 82°C or -60 to 180°F

### Pressures

**Maximum Inlet Pressure (Body Rating):** 17.2 bar or 250 psig

**Maximum Outlet (Casing) Pressure:** 3.4 bar or 50 psi above outlet pressure setting

### Outlet Pressure Ranges

OUTLET PRESSURE RANGES		CONTROL SPRING DATA	
Bar	Psig	Part Number	Color
0 to 1.4	0 to 20	T14130T0012	Green stripe
0 to 2.4	0 to 35	T14059T0012	Silver
0 to 4.1	0 to 60	T14058T0012	Blue stripe
0 to 8.6	0 to 125	T14050T0012	Red stripe

### Options

Pressure gauge in side outlet, handwheel adjusting screw, panel mounting, NACE (National Association of Corrosion Engineers) or ammonia service construction, triple-scale outlet pressure gauge

**Only a brief overview is presented here. For more detailed information, such as capacities and dimensions, refer to the companion catalog, the Fisher Regulator Handbook.**