Automax Air Filter Regulator

Introduction

Automax filter regulators remove liquid and solid contaminants to prolong service life of actuators, solenoid valves, positioners, I/P pressure transducers, and other pneumatic controls. The use of clean, dry plant air reduces the costly repairs associated with water and particulate contaminants present in supply air. The removal of contaminants is essential to the service life of sensitive electro-pneumatic devices such as I/P pressure transducers. The Automax filter regulator combines the functions of a filter and pressure regulator into one compact, rugged design.

Applications

Install Automax filter regulators directly on our pneumatic controls and devices whenever supply air is susceptible of containing liquids, particulate contaminants, or pressure surges. The Automax filter regulator removes any water that has condensed as a result of unexpected low temperature or high dewpoint.

Features

1. External surfaces are protected with a baked-on, satin black epoxy paint over chromate conversion coated aluminum, providing excellent corrosion and chip resistance.

2. Metal bowl with liquid level indicator utilizes a highly visible prismatic lens that allows liquid level monitoring up to 30 feet away.

3. Manual drain provides cost effective serviceability.

4. The quick release bayonet type bowl can be removed and installed with a quick 1/8 turn. An interlock prevents removal of the bowl while pressurized.

5. The 5-micron filter is replaceable and has an extra large surface area for extended service life.

6. The balanced valve design provides superior regulation by reducing the effect of variations in inlet pressure on the outlet pressure.

7. The filter regulator has a relieving diaphragm with an integral locking pressure adjustment knob.

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Specifications

Fluid	Compressed Air
Inlet Pressure (Max)	250 psi (17.2 bar)
Temperature (Max)	175°F (79°C)
Filter Element	5 micron

Materials of Construction

Body/Bowl	Aluminum (chromate conversion coated / black epoxy paint)
Seals	Neoprene and Nitrile
Filter Element	Porous Polypropylene

How to Order

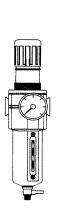Specify Automax filter regulator with or without gauge.

1/4" NPT – Automax p/n 109625

1/2" NPT – Automax p/n 109626

3/4" NPT – Automax p/n 109627

Dimensions

NPT	AUTOMAX P/N	A	B	C	D
1/4	109625	1.98 / 50 mm	1.91 / 48 mm	2.89 / 73 mm	5.27 / 134 mm
1/2	109626	3.15 / 80 mm	2.86 / 73 mm	4.88 / 124 mm	7.00 / 178 mm
3/4	109627	3.15 / 80 mm	2.86 / 73 mm	4.88 / 124 mm	7.00 / 178 mm