ZFS Series

Air Filter

UNIVERSAL

Features

◇ Straight through structure, both ends are connected with thread, easy installation
◇ Small size and light weight
◇ Using anticorrosive material, can resist weak acid and alkali corrosion
◇ Can withstand up to 200℃ high temperature
◇ Transparent housing, can directly observe the pollution degree of filter element
◇ Stainless steel filter element, easy to clean
◇ Can be used in positive or negative pressure systems

Applications

◇ Suitable for positive pressure and vacuum systems with light or medium pollution levels
◇ Suitable for the working environment with certain corrosion resistance requirements
◇ Suitable for high temperature working environment

How to Order

ZFS 10 - G1F
① ② ③

① Series	② Filter specification	③ Connection thread
ZFS	10	G1F - G1/8 Female thread G1M - G1/8 Male thread

Selection

Model/ Connection thread	G1F	G1M
ZFS10	ZFS10-G1F	ZFS10-G1M

Technical parameters

Model	Rated operating pressure range Mpa	Max. pressure resistance Mpa	Max. positive pressure flow L/min	Max. vacuum flow L/min	Fluid	Hose diameter mm	Operating temperature ℃	Weight g
ZFS10-G1F	-0.1~0.6	0.9	250	25	Air, inert gas, slightly corrosive gas	8	0~200	29
ZFS10-G1M	-0.1~0.6	0.9	250	25	Air, inert gas, slightly corrosive gas	8	0~200	39

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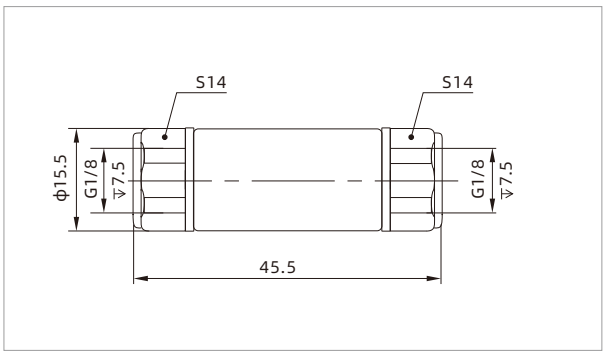
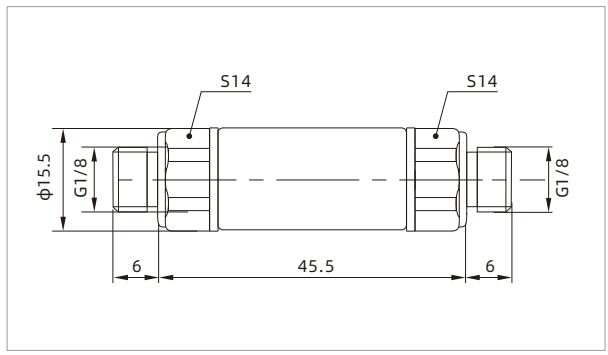
Technical parameters

Spare parts	Material
End cover, filter element	316 Stainless steel
Housing	Teflon
Seal ring	Fluororubber

Dimensions（mm）

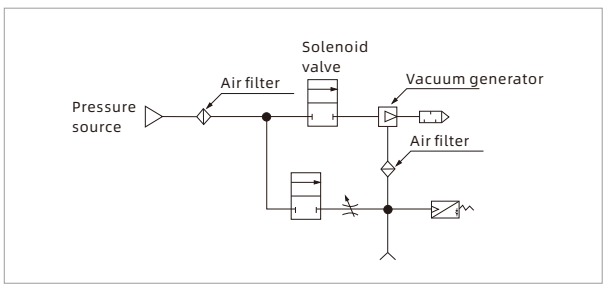


ZFS10-G1F



ZFS10-G1M

Structural diagram



Cautions:

1. Please connect and use the air filter according to the diagram
2. Please use the filter as far as possible under the rated operating pressure
3. The filter itself and piping shall not withstand torsion, pulling, load, vibration, impact and other external forces, it may causes danger if withstanding extra external force under high positive pressure.
4. When disassembling and cleaning the filter, please pay attention to ensure that the sealing ring is not damaged, and the tightening torque is 3±0.3N·m of the front and back covers when reassembling

★ When using the filter in positive pressure environment, do not connect the filter behind the solenoid valve, which will cause the filter to withstand frequent shocks if solenoid valve is long-term frequent on-off