

Festo Introduces Powerful, Lightweight, and Inexpensive Pneumatic Service Units – MS-Basic

The MS-Basic line features easy ordering, fast shipping, and is ideal for the most common pneumatic applications.

Festo launches MS-Basic, a family of pneumatic service units in polymer housings that offer attractively priced components covering most application needs.

MS-Basic air preparation components have the functionality to perform the most important technical tasks necessary for proper compressed air preparation and consist of [pressure regulators](#), [filter regulators](#), [electric on/off and soft start valves](#), as well as [manual on/off valves with filter/regulator](#) combinations.

MS-Basic components are fully compatible with the existing Festo MS line of premium service units. Machine builders and end-use customers can combine inexpensive MS-Basic pressure regulators, filter regulators, on/off and soft start valves with MS series safety valves, lubricators, distributors, filters, and dryers to assemble the best mix of low-cost basic functions with high-end functionality.

The MS-Basic pressure regulators and filter regulators are powerful, yet lightweight. These units have a high flow rate of up to 6000 l/min. The polymer materials reduce unit weight by up to 30% compared with the metal housing units. For the filter regulator, Festo integrated the filter in the bowl. This makes changing the filters easy and saves installation space. The transparent bowl provides clear indication whether dirt needs to be removed.

A manual or normally closed, fully automatic condensate drain provides process reliability and protection against contamination. The new electric on/off valve is also available as a soft start/quick exhaust valve. Soft start units safely and slowly build working pressure at an adjustable rate until it reaches 50% of set pressure before switching to full set pressure. Festo provides a free online configurator to quickly and easily configure the optimum air preparation system.

MS-Basic service units are featured in the new Festo Pneumatic [Essentials](#) program – an ambitious global undertaking to streamline ordering and ensure fast delivery of guaranteed in-stock pneumatic components nearly anywhere in the world.

Festo Essentials, which fit most pneumatic applications, include service units, high wear polyurethane tubing, one-way flow control valves, high flow valves for normal and harsh environments, self-teaching proximity switches, mini slides, guided drives, repairable pneumatic cylinders conforming to NFPA interchange dimensions, and metric and imperial round and compact cylinders. Customers are assured of world-renowned Festo quality components that boost machine performance, lower waste, and reduce the risk of downtime. Festo Essentials are also compact for today's smaller footprint, energy efficient machines.

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For more information on the readily available MS-Basic service units, the Festo Pneumatic Essentials Program, and the advantages of working within the Festo ecosystem –an ecosystem that leads to less engineering overhead, fast time to market, and seamless connectivity –visit <https://www.festo.us>.

Press Images



MS-Basic

The MS-Basic series is light weight, compact and incredibly powerful. Advanced polymer materials make these compressed air components up to 50% lighter than competitive products and equally robust.

Festo USA - 50th (EN- GB)

Festo is a leading manufacturer of pneumatic and electromechanical systems, components, and controls for process and industrial automation. For more than 50 years in the U.S., Festo Corporation has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Through advanced technical and industrial education, Festo Didactic Learning Systems and its partners prepare workers for current and future manufacturing technologies.