



## FOR IMMEDIATE RELEASE

### News Release

October 2005

#### Media Contact:

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**For high resolution image,  
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## MS Series Service Units

Festo Corporation, a global leader in automation solutions, is pleased to introduce the comprehensive and modular MS-Series service units.

All of the standard functions of air preparation united into one product series: pressure regulators; on/off and soft-start valves; filters; dryers; sensors; and lubricators. The right solution for every application!

Highlights of the series include new function modules with integrated sensors and remote adjustability, and the most advanced technology for a new dimension in air preparation: remote-controlled pressure monitoring for maximum process security. Other advancements include:

**One Seal System** – Avoids the “Monday-morning effect”. The patented One Seal technology combines all sealing points into one integral unit. The unique external seal solves the problem of back flow and system venting without the need for special components.

#### Festo Corporation

395 Moreland Road  
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**Smart Mount Connection System** - The high precision die-cast aluminum housings easily connect to each other in a series without needing any intermediate blocks. To ensure that the manifold assembly is leak-free, this tight connection only needs a single seal between the individual air preparation components.

Smart Mount also allows for Quick and Easy Component Replacement - You can replace individual modules without dismantling the entire unit. Furthermore, the wall mounting bracket type WPM makes the installation even easier: simply affix the bracket to the wall, and then engage the assembled combination.

**Rollflex Membrane** - The new MS family of regulators with fiber-reinforced rolling membrane increases the flow rate and service life dramatically. As a result, pressure drops and regulation failures are reduced, allowing your pneumatic system to function more reliably.

### Flow rate

- Maximum flow values with minimal space requirements (Type MS4, MS6)
- Flow rates up to 22,000 l/min (Type MS12)
- Precise flow measurement even under unstable pressure conditions
- Unidirectional flow sensors with display
- Able to be integrated or stand-alone

### Electrically-controlled pressure regulator

- Remote pressure regulation with optional pressure sensor
- "Fail safe" in the case of power supply failure
- Easy to connect using M8/M12 plugs

### Integrated pressure sensors

- Pressure sensors as options
- Full functionality of SDE1 pressure sensor

### Free services included

- Configurator for quick and reliable selection of individual service units
- CAD Models

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For more information on MS-Series Service Units, visit [www.festo.com/us/ms](http://www.festo.com/us/ms)

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