

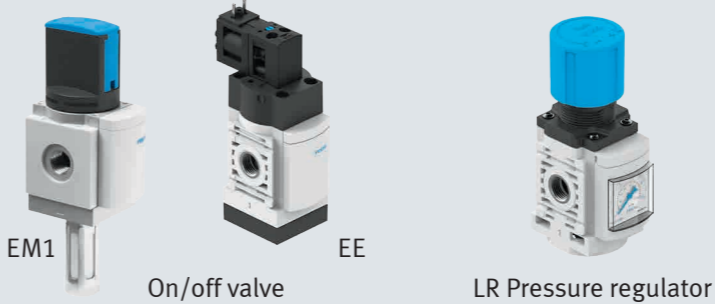
MS series components in focus

All components from the MS series are available individually, can be ordered as a pre-configured unit or as a ready-to-install system with just one part number. Every component has a specific function in the compressed air system. This overview has all the functions at a glance.



Switching and regulating

For switching on the compressed air centrally, either manually (EM1) or electrically (EE). Perfect in combination with pressure regulator LR.



EM1

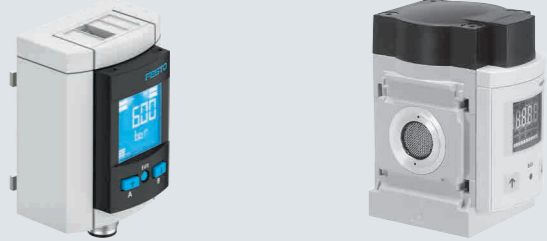
On/off valve

EE

LR Pressure regulator

Measuring

With the pressure sensor with display SPAU the actual pressure level can be read off digitally. With the SFAM module, the current flow rate can be measured, which is ideal for calculating the consumption, for example.



SPAU pressure sensor

SFAM flow sensor

Safety

The addition of a slow-start function ensures a safe start-up procedure for the machine. This can be done pneumatically (DL) or electrically (EDE). The safety module SV also has a controlled pressure build-up and quick exhausting, which means it is certified up to Performance Level E.




DL Soft-start valve

EDE Safety valve

Soft-start valve

Control and quality

The filter regulator is the combination for control and quality. In addition to regulating the pressure, the LFR has an exhaust function and a filter module. The perfect foundation for every machine.



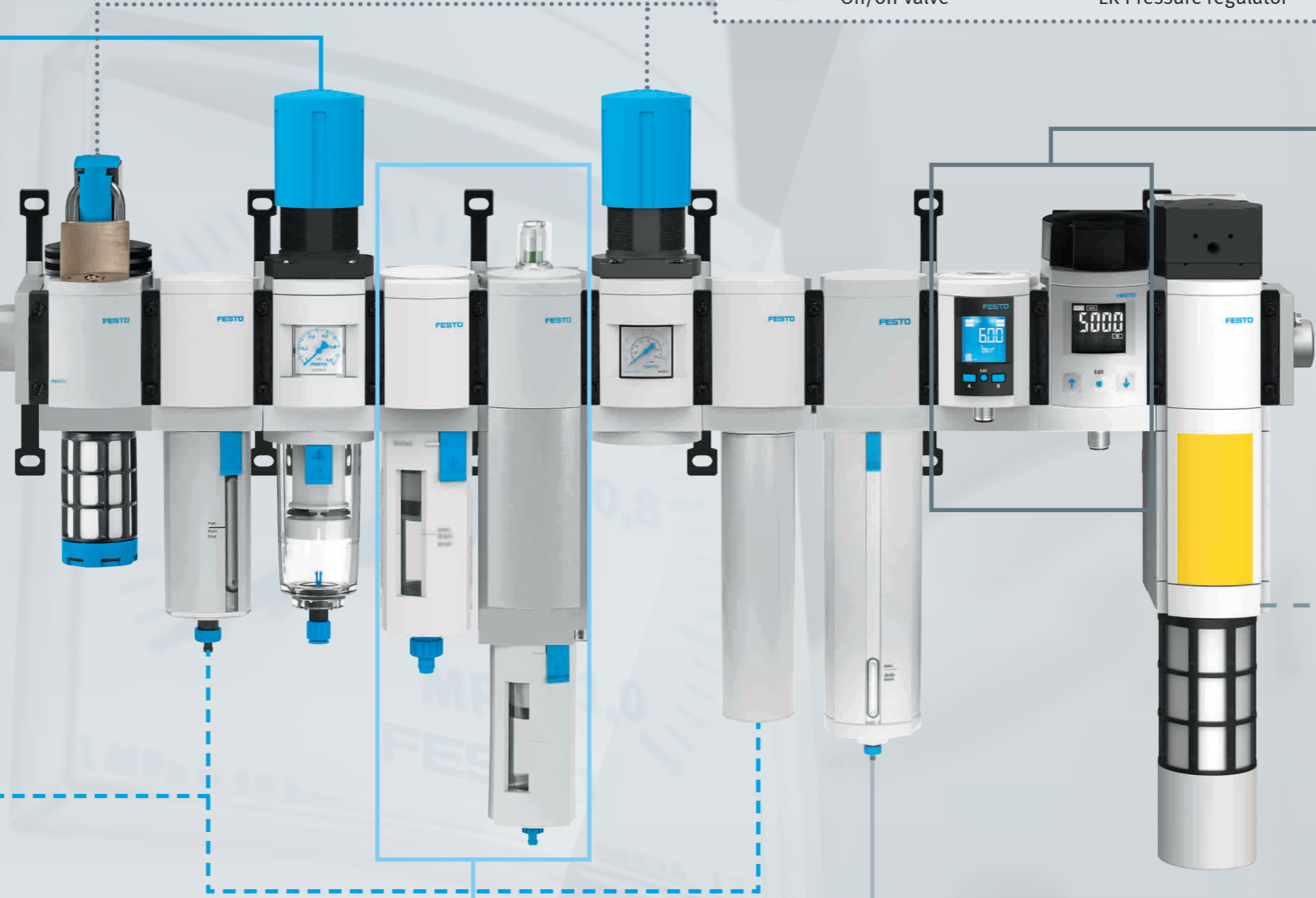
LFR
Filter regulator

Condensate

With the water separator LWS, 99% of the condensate can be separated. The membrane air dryer LDM1 can be used for extra dry air.

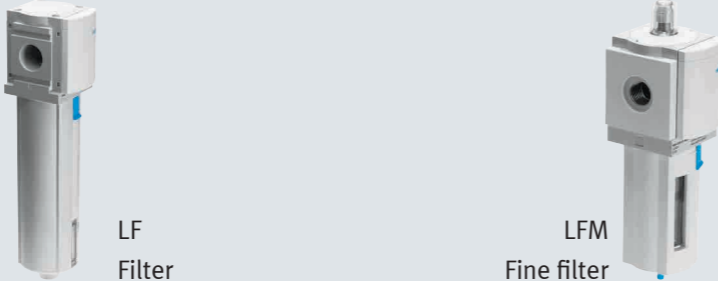


LWS Water separator LDM1 Membrane air dryer



Particles

Multi-stage filtration is needed for higher quality requirements. The LF can be used for filtering up to 5 μ, while LFM with its fine filters can be used for filtration up to 0.01 μ.



LF
Filter

LFM
Fine filter

Oil

For older systems with a lubricated compressed air system, the LOE is used for occasional lubrication.

For applications with strict requirements when it comes to oil values, the use of an activated carbon filter is recommended (LFX).



LOE
Lubricator

LFX Activated carbon filter