

D series service units, polymer design

FESTO



Functional

The perfect answer to core air preparation functions: Service units type DB of polymer design. Reliable air preparation using products of well-proven Festo quality for applications in non-critical environments. Ideal as an entry into the world of modern air preparation. And fully upgradable, since D series service units, polymer design can be freely combined with the heavy duty D-series from Festo.



Cost-effective by concentrating on essentials

Cost-effective air preparation to meet basic requirements. This product series concentrates on the core functions of air preparation. Perfect for cases where reduced functionality is acceptable but well-proven quality is essential.

Combinable for expanded air preparation functions

The functions of the service units can be extended at any time due to the compatibility of the polymer DB series with the metal D series. They can be easily com-

binated with function modules such as on/off or soft-start valves.

Fast availability of the D series, polymer

Polymer service unit components type DB can be in a customer's hands and ready for use within a very short time, thanks to short reliable delivery times, as all service units are available ex-stock. Another inclusive feature: Enhanced safety, since the units are pre-assembled and tested in Festo's factory.



Core functionality:



Expandable ...



and available fast!

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Product Short Information

D series service units, polymer design

Product series concentrating on core functions

Pressure regulators



Filter regulators



Filter regulator/lubricator combination



Technical data

Type	Polymer mini series
Permissible primary pressure [bar]	Max. 10
Operating pressure up to [bar]	7
Ambient temperature [°C]	-5 ... +50
Housing material	Long-fibre polyamide
Connection sizes	1/8, 1/4 (3/8 via connecting plate)
Degrees of filtration [µm]	40/5
Flow rate qnN [l/min.]	
Filter regulator LFR	Up to 1200
Pressure regulator LR/LRB	Up to 1300
Filter regulator/lubricator service units FRC	Up to 650

Threaded connections in housing or via connecting plate



Compatibility within the D series, metal design



Pressure regulator manifolds



You have the choice of exploiting the advantages of the light-weight high-strength polymer housings with their integrated threaded connections or of opting for a metal connecting plate. Both variants are available ex-stock.

Easy to combine: The D series service units, polymer and the components of the D series, metal can be easily linked together to form hybrid combinations.

Pressure regulator manifolds are the choice for applications with completely independent pressure regulation ranges. The secondary outlet is at the front in each case. QST push-in fittings can be used to fit an external pressure gauge to each pressure regulator module. 4 different pressure regulator manifolds are available, consisting of 2, 3, 4 or 5 units.

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