

# Diaphragm air dryer

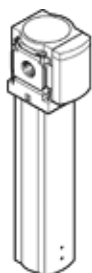
## MS6-LDM1-1/4-P40

Part number: 543646

FESTO

Reduced pressure dew-point, with metal bowl, direction of flow: from left to right

Caution: In order to assure long-term trouble-free operation of the device, operating air must be pre-filtered with a 0.01 µm micro-filter (remaining particles < 0.1 µm, residual oil content < 0.1 mg per cubic meter)!



### Data sheet

Feature	Value
Size	6
Series	MS
Assembly position	Vertical +/- 5°
Design structure	Membrane dryer
Working pressure	3 ... 12.5 bar
Standard nominal flow rate	400 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [1:4:2]
Note on operating and pilot medium	Lubricated operation not possible
Pressure dew-point reduction	20 K
Corrosion resistance classification CRC	2
Storage temperature	-20 ... 60 °C
Air purity class at output	Compressed air to ISO8573-1:2010 [1:3:2]
Medium temperature	2 ... 50 °C
Ambient temperature	2 ... 50 °C
Product weight	1.3 kg
Mounting type	Optional Line installation with accessories
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Materials note	Conforms to RoHS
Materials information, housing	Aluminum die cast
Materials information for bowl	Wrought Aluminum alloy