

# Diaphragm air dryer

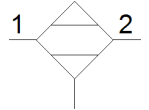
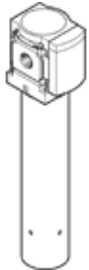
## MS4N-LDM1-1/4-P10-Z

Part number: 543637

FESTO

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

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	4
Series	MS
Assembly position	Vertical +/- 5°
Design structure	Membrane dryer
Working pressure	3 ... 12.5 bar
Standard nominal flow rate	100 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 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 60 °C
Food-safe	See Supplementary material information
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	0.53 kg
Mounting type	Line installation with accessories Optional
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Materials note	Conforms to RoHS
Material housing	Aluminum die cast
Material bowl	Wrought Aluminum alloy