

Diaphragm air dryer

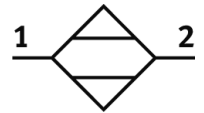
MS6-LDM1-1/2-P40-Z

Part number: 543651

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 | 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 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Materials note | Conforms to RoHS |
| Materials information, housing | Aluminum die cast |
| Materials information for bowl | Wrought Aluminum alloy |