

# Diaphragm air dryer

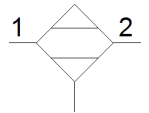
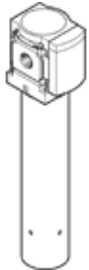
## MS6N-LDM1-1/4-P40

Part number: 543658

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 - Moderate corrosion stress                            |
| PWIS conformity                         | VDMA24364-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                          | 1.3 kg   |
| Mounting type                           | Line installation<br>with accessories<br>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                                   |