

# Micro filter LFMA-1/2-D-MAXI-DA

Part number: 532850

FESTO



 General operating condition

## Data sheet

| Feature                                     | Value  |
|---|--|
| Series                                      | D  |
| Size  | Maxi   |
| Design                                      | Fibre filter   |
| Grade of filtration                         | 0.01 µm  |
| Condensate drain                            | Manually rotating  |
| Symbol                                      | 00991543   |
| Operating pressure                          | 0.1 MPa ... 1.6 MPa                                      |
| Operating pressure                          | 1 bar ... 16 bar   |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:4:4]<br>Inert gases |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [3:4:2]<br>Inert gases |
| Max. standard flow rate for clean air class | 1500 l/min   |
| Min. standard flow rate for clean air class | 500 l/min  |
| Filter efficiency                           | 99.9999 %  |
| Bowl guard                                  | Metal bowl guard   |
| Corrosion resistance class CRC              | 2 - Moderate corrosion stress                            |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L  |
| Media temperature                           | 1.5 °C ... 60 °C   |
| Ambient temperature                         | -10 °C ... 60 °C   |
| Filter efficiency, fine particles           | 99995 %  |
| MPPS  | 0.05 µm  |
| Filter efficiency MPPS                      | 99.95 %  |
| Residual oil content                        | 0.01 mg/m <sup>3</sup>                                   |
| Filter efficiency, oil aerosol              | 99 %   |
| Differential pressure display               | Visual display   |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories      |
| Mounting position                           | Vertical +/-5°   |
| Pneumatic connection, port 1                | G1/2   |
| Pneumatic connection, port 2                | G1/2   |
| Material housing                            | Die-cast zinc  |

| <b>Feature</b>    | <b>Value</b>       |
|-------------------|--------------------|
| Material filter   | Borosilicate fibre |
| Material bowl     | PC                 |
| Note on materials | RoHS-compliant     |
| Product weight    | 1340 g             |