

# Fine filter LFMB-1/4-D-MIDI-DA

Part number: 532820

FESTO



## Data sheet

| Feature                                     | Value                                                     |
|---------------------------------------------|-----------------------------------------------------------|
| Series                                      | D                                                         |
| Size                                        | Midi                                                      |
| Design                                      | Fibre filter                                              |
| Grade of filtration                         | 1 µm                                                      |
| Condensate drain                            | Manually rotating                                         |
| Operating pressure                          | 0.1 MPa...1.6 MPa<br>1 bar...16 bar<br>14.5 psi...232 psi |
| 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 [5:4:3]<br>Inert gases  |
| Max. standard flow rate for clean air class | 900 l/min                                                 |
| Min. standard flow rate for clean air class | 350 l/min                                                 |
| Filter efficiency                           | 99.99 %                                                   |
| Max. condensate volume                      | 43 cm <sup>3</sup>                                        |
| 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                                            |
| Storage temperature                         | -10 °C...60 °C                                            |
| Filter efficiency, fine particles           | 99 %                                                      |
| Residual oil content                        | 0.5 mg/m <sup>3</sup>                                     |
| Filter efficiency, oil aerosol              | 90 %                                                      |
| Differential pressure display               | Visual display                                            |
| Type of mounting                            | In-line installation<br>With accessories<br>Either:       |
| Mounting position                           | Vertical +/-5°                                            |
| Pneumatic connection, port 1                | G1/4                                                      |
| Pneumatic connection, port 2                | G1/4                                                      |
| Material housing                            | Die-cast zinc                                             |

| Feature           | Value              |
|-------------------|--------------------|
| Material filter   | Borosilicate fibre |
| Material bowl     | PC                 |
| Note on materials | RoHS-compliant     |
| Product weight    | 834 g              |