

# Micro filter

## LFMA-1/4-D-MINI-DA

Part number: 532844

FESTO



## Data sheet

| Feature                                     | Value                                                    |
|---------------------------------------------|----------------------------------------------------------|
| Series                                      | D                                                        |
| Size                                        | Mini                                                     |
| Design                                      | Fibre filter                                             |
| Grade of filtration                         | 0.01 µm                                                  |
| Condensate drain                            | Manually rotating                                        |
| Operating pressure                          | 0.1 MPa...1.6 MPa<br>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 | 410 l/min                                                |
| Min. standard flow rate for clean air class | 100 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/m³                                               |
| Filter efficiency, oil aerosol              | 99 %                                                     |
| 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                                            |
| Material filter                             | Borosilicate fibre                                       |

| Feature           | Value          |
|-------------------|----------------|
| Material bowl     | PC             |
| Note on materials | RoHS-compliant |
| Product weight    | 368 g          |