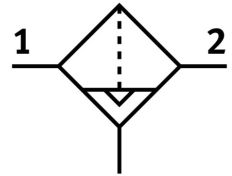


# Fine filter MS9-LFM-G-BUV-HF

Part number: 564045

FESTO



 General operating condition

## Data sheet

| Feature                                     | Value                                               |
|---------------------------------------------|-----------------------------------------------------|
| Series                                      | MS                                                  |
| Size                                        | 9                                                   |
| Design                                      | Fibre filter                                        |
| Grade of filtration                         | 1 µm                                                |
| Condensate drain                            | Fully automatic<br>Manual, non-detenting            |
| Symbol                                      | 00991520                                            |
| Operating pressure                          | 2 bar ... 12 bar                                    |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:8:4]           |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [5:7:3]           |
| Max. standard flow rate for clean air class | 10000 l/min                                         |
| Min. standard flow rate for clean air class | 500 l/min                                           |
| Filter efficiency                           | 99.99 %                                             |
| Max. condensate volume                      | 225 ml                                              |
| Corrosion resistance class CRC              | 2 - Moderate corrosion stress                       |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L                                   |
| Media temperature                           | -10 °C ... 60 °C                                    |
| Ambient temperature                         | -10 °C ... 60 °C                                    |
| Storage temperature                         | -10 °C ... 60 °C                                    |
| Residual oil content                        | 0.5 mg/m <sup>3</sup>                               |
| Explosion ambient temperature               | -10°C ≤ Ta ≤ +60°C                                  |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories |
| Mounting position                           | Vertical +/-5°                                      |
| Pneumatic connection, port 1                | Manifold module                                     |
| Pneumatic connection, port 2                | Manifold module                                     |
| Material housing                            | Die-cast aluminium                                  |
| Material covering                           | PA                                                  |
| Material filter                             | Borosilicate fibre                                  |
| Material bowl                               | Wrought aluminium alloy                             |
| Material screen                             | PA                                                  |
| Material seals                              | NBR                                                 |
| Product weight                              | 2500 g                                              |