

## Micro Filter MS4-LFM-1/8-ARM-DA - Festo 536821

Item no. FES-536821

Manufacturer Festo

EAN 4052568171971

Festo air-preparation unit for clean, regulated compressed air that protects downstream components.

### TECHNICAL DATA

|                                |                               |
|--------------------------------|-------------------------------|
| Betriebsdruck max [bar]        | 14.000000                     |
| Corrosion resistance class CRC | 2 - moderate corrosion stress |
| Design                         | Fibre filter                  |
| Dichtmaterial                  | NBR                           |
| Filterfeinheit [µm]            | 0,01                          |
| HS-Code                        | 84213925                      |
| Kondensatablass                | manual rotary                 |
| Material                       | Aluminium                     |
| Medium                         | Compressed air, neutral gases |
| Mounting position              | vertical ± 5°                 |
| Pneumatic connection           | G1/8                          |
| Series                         | MS4                           |
| Temperature (max.)             | 60                            |
| Weight                         | 0.32 kg                       |



### STANDARDS & COMPLIANCE

ISO 8573-1:2010

### DESCRIPTION

Festo air-preparation unit for clean, regulated compressed air that protects downstream components. The key technical data of this genuine Festo article are listed below.

|                                               |                                                          |
|-----------------------------------------------|----------------------------------------------------------|
| Model series                                  | MS                                                       |
| size                                          | 4                                                        |
| Construction set up                           | Fibre filter                                             |
| Filter porosity [µm]                          | 0,01                                                     |
| Condensate drain                              | Manually rotating                                        |
| Operating pressure [bar]                      | 0 to 14                                                  |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [6:8:4]<br>Inert gases |
| Air purity class at the output                | Compressed air to ISO 8573-1:2010 [1:7:2]                |
| Max. normal flow for air purity class [l/min] | 360                                                      |

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|                                             |                                                       |
|---------------------------------------------|-------------------------------------------------------|
| Min. normal flow for air unit class [l/min] | 54                                                    |
| Filter effective degree [%]                 | 99,9999                                               |
| Max. condensate amount [ml]                 | 19                                                    |
| Clamp protection                            | Plastic basket                                        |
| Corrosion resistant class KBK               | 2 - moderate corrosion stress                         |
| Food compatibility                          | See expanded material information                     |
| Medium temperature [°C]                     | -10 to 60                                             |
| ambient temperature [°C]                    | -10 to 60                                             |
| Bearing temperature [°C]                    | -10 to 60                                             |
| Residual oil content [mg/m³]                | 0,01                                                  |
| Fastening type                              | pipe installation<br>With Accessories<br>Selectively: |
| installation position                       | vertical ± 5°                                         |
| Pneumatic connection 1                      | G1/8                                                  |
| Pneumatic connection 2                      | G1/8                                                  |
| Housing material                            | Aluminium die casting                                 |
| Filter material                             | Borosilicate fibre                                    |
| Clamps material                             | PC                                                    |
| Seals material                              | NBR                                                   |
| Material information                        | Copper and PTFE-free<br>RoHs compliant                |
| Product weight [g]                          | 190                                                   |
| Differential pressure indicator             | Visual display                                        |