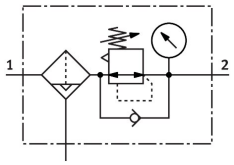
# Filter regulator
# MS4N-LFR-1/4-D7-ERV-AS

Part number: 531209






## Data sheet

| Feature | Value |
|---|---|
| Size | 4 |
| Series | MS |
| Actuator lock | Rotary knob with detent<br>can be closed with accessories |
| Mounting position | Vertical ±5° |
| Grade of filtration | 40 µm |
| Condensate drain | Fully automatic<br>Manual, non-detenting |
| Structural design | Filter regulator with pressure gauge |
| Max. condensate volume | 19 ml |
| Controller function | Constant output pressure<br>With secondary exhausting<br>With return flow characteristic |
| Bowl guard | Plastic bowl guard |
| Degree of condensate separation | 75 % |
| Pressure gauge | with pressure gauge |
| Operating pressure | 0.2 MPa...1.2 MPa<br>2 bar...12 bar |
| Pressure regulation range | 0.5 bar...12 bar |
| Max. pressure hysteresis | 0.25 bar |
| Normal nominal flow rate (normalized to DIN 1343) | 1500 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:-]<br>Inert gases |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 °C...60 °C |
| For use in the food industry | See supplementary material information |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Pore size | 40 µm |
| Product weight | 275 g |
| Type of mounting | Alternatively: |

| Feature | Value |
|---|---|
| | Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection 1 | 1/4 NPT |
| Pneumatic connection 2 | 1/4 NPT |
| Note on materials | RoHS compliant |
| Material of sub-base | Die-cast aluminum |
| Material of operator panel | PA<br>POM |
| Seals material | NBR |
| Compressed air filter material | Protective grounding |
| Housing material | Die-cast aluminum |
| Diaphragm material | NBR |
| Material of bowl | PC |
| Separating disc material | POM |