

Compressed air filter MS9-LF

Part number: 562532

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|---|
| Size | 9 |
| Type code | MS9-LF |
| Series | MS |
| Mounting position | Vertical +/- 5° |
| Grade of filtration | 5 µm ... 40 µm |
| Condensate drain | Fully automatic Manually rotating Semi-automatic |
| Structural design | Sinter filter with centrifugal separator |
| Max. condensate volume | 220 ml |
| Operating pressure | 0 bar ... 20 bar |
| Standard nominal flow rate | 6000 l/min ... 16000 l/min |
| Certification | c UL us - Recognized (OL) |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| ATEX category gas | II 2G |
| ATEX category for dust | II 2D |
| Type of ignition protection for gas | Ex h IIC T6 Gb X |
| Type of (ignition) protection for dust | Ex h IIIC T60°C Db X |
| Explosive ambient temperature | +5°C ≤ Ta ≤ +60°C |
| Operating medium | Compressed air as per ISO 8573-1:2010 [-:9:-] Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gas |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Storage temperature | -10 °C ... 60 °C |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 2000 g |
| Type of mounting | Optionally: Line installation With accessories |
| Covering material | PA-reinforced |
| Material of spin disc | POM |
| Material of filter support | POM |

| Feature | Value |
|--------------------------------|------------------------|
| Note on materials | RoHS-compliant |
| Material of sub-base | Die-cast aluminum |
| Material of mounting bracket | Die-cast aluminum |
| Compressed air filter material | PE |
| Housing material | Die-cast aluminum |
| Module connector material | Die-cast aluminum |
| Material of bowl | Wrought aluminum alloy |
| Shell sealing material | NBR |
| Inspection window material | PA |
| Separating disc material | POM |