

Air preparation combination unit MSB6

Part number: 531030

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|-------------------------------|---|
| Size | 6 |
| Series | MS |
| Actuation type | Electrical Manual Pneumatic |
| Actuator lock | Rotary knob with integrated lock |
| Mounting position | Vertical +/- 5° |
| Grade of filtration | 0.01 µm ... 40 µm |
| Structural design | Branching module Active carbon filter Pressure regulator with pressure gauge Soft start/quick exhaust valve Soft start valve Air flow sensor Shut off valve Fiber filter Filter regulator with pressure gauge Filter regulator without pressure gauge Membrane dryer Proportional standard oil mist lubricator Sinter filter with centrifugal separator Water trap Electrically adjustable pressure regulator Pilot-controlled precision diaphragm regulator |
| Controller function | Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function |
| Bowl guard | Plastic bowl guard Integrated as metal bowl guard |
| Differential pressure display | Visual display With pressure sensor |
| Pressure gauge | with pressure sensor with pressure gauge |
| Operating pressure | 1.5 bar ... 20 bar |
| Pressure regulation range | 1 bar ... 12 bar |
| Standard nominal flow rate | 1700 l/min ... 4800 l/min |
| Coil characteristics | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W |
| Certification | c UL us - Recognized (OL) |

| Feature | Value |
|--|---|
| CE marking (see declaration of conformity) | As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU low voltage directive |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| ATEX category gas | II 2G II 3G |
| ATEX category for dust | II 2D II 3D |
| Type of ignition protection for gas | Ex h IIC T6 Gb X Ex nA IIC T4 X Gc |
| Type of (ignition) protection for dust | Ex h IIIC T60°C Db X Ex tc IIIC T105°C X Dc IP65 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Storage temperature | -10 °C ... 60 °C |
| For use in the food industry | See supplementary material information |
| Type of mounting | With accessories |
| Housing material | Die-cast aluminum |
| Material of bowl | PC |