

# Air preparation combination unit MSB6

FESTO

Part number: 531030



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	6
Type code	MSB6
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
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

Feature	Value
Certification	c UL us - Recognized (OL)
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