

Air preparation combination unit MSB4

Part number: 531029

FESTO



Data sheet

Feature	Value
Size	4
Series	MS
Actuation type	Electrical Manual Pneumatic
Actuator lock	Rotary knob with integrated lock
Mounting position	Any Vertical +/- 5°
Grade of filtration	0.01 µm...40 µm
Condensate drain	Fully automatic Manually rotating Semi-automatic
Structural design	Branching module Active carbon filter Pressure regulator with pressure gauge Soft start valve 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 with non-return function
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function
Bowl guard	Plastic bowl guard
Differential pressure display	Visual display With pressure sensor
Pressure gauge	with pressure sensor with pressure gauge
Operating pressure	1.5 bar...14 bar
Pressure regulation range	1 bar...12 bar
Standard nominal flow rate	800 l/min...1400 l/min

Feature	Value
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)
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC acc. to UK EX instructions To UK RoHS instructions To UK instructions for electrical equipment
Explosion protection certification outside the EU	EPL Db (GB) EPL Dc (GB) EPL Gb (GB) EPL Gc (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 2 (UKEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
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 IP65 Dc X
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Type of mounting	With accessories
Pneumatic connection 1	G1/8 G1/4
Pneumatic connection 2	G1/8 G¼
Pneumatic connection 3	G1/4
Housing material	Die-cast aluminum
Material of bowl	PC