

service unit combination

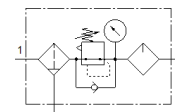
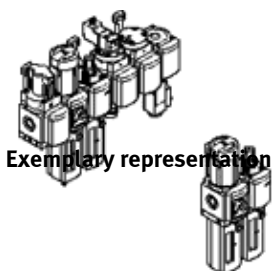
MSB4

Part number: 531029

★ Core product range

For manifold assembly, with G thread.

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	4
Series	MS
Type of actuation	electrical manual pneumatic
Actuator lock	Rotary knob with integrated lock
Assembly position	Any Vertical +/- 5°
Grade of filtration	0.01 ... 40 µm
Condensate drain	fully automatic manual rotary semi-automatic
Design structure	Branching module Active carbon filter Pressure regulator with gauge Start-up valve On/off valve Fibre filter Filter regulator with pressure gauge Filter regulator without pressure gauge Membrane dryer proportional standard mist lubricator Sintered filter with centrifugal separator With non-return function
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Bowl guard	Plastic guard
Differential pressure display	Visual indicator with pressure sensor
Pressure gauge	with pressure sensor with pressure gauge
Operating pressure	1.5 ... 14 bar
Pressure regulation range	1 ... 12 bar
Standard nominal flow rate	800 ... 1,400 l/min
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC

Feature	Value
	to EU directive explosion protection (ATEX) to EU directive low-voltage devices in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK instructions for EMC To UK EX instructions To UK RoHS instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Dc (GB) EPL Gb (GB) EPL Gc (GB)
ATEX category Gas	II 2G II 3G
ATEX category Dust	II 2D II 3D
Explosion ignition protection type Gas	Ex h IIC T6 Gb X Ex nA IIC T4 X Gc
Explosion ignition protection type Dust	Ex h IIIC T60°C Db X Ex tc IIIC T105°C IP65 Dc X
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Food-safe	See Supplementary material information
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Mounting type	with accessories
Pneumatic connection, port 1	G1/8 G1/4
Pneumatic connection, port 2	G1/8 G1/4
Pneumatic connection, port 3	G1/4
Material housing	Aluminium die cast
Material bowl	PC