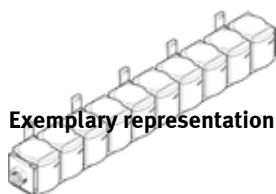


service unit combination MSB9

Part number: 552938

FESTO

For manifold assembly, with G thread.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	9
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 Soft start/quick exhaust valve On/off valve Fibre filter Filter regulator with pressure gauge Filter regulator without pressure gauge proportional standard mist lubricator Sintered filter with centrifugal separator
Max. condensate volume	220 ml
Max. oil capacity	490 ml
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Bowl guard	integrated as metal shell
Differential pressure display	Visual indicator with pressure sensor
Pressure gauge	with pressure sensor with pressure gauge
Operating pressure MPa	0 ... 2 MPa
Operating pressure	0 ... 20 bar
Pressure regulation range	1 ... 16 bar
Standard nominal flow rate	1,400 ... 18,000 l/min
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 11.5 VA, holding power 8.9 VA 230 V AC: 50/60 Hz, pick-up power 11.5 VA, holding power 9.1 VA 24 V DC: 4.5 W 24 V DC: 8.4 W
Authorisation	c UL us - Recognized (OL)

Feature	Value
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive explosion protection (ATEX) to EU directive for machinery 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 instructions for machines 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
Explosion ignition protection type Dust	Ex h IIIC T60°C Db X
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
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
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Mounting type	with accessories
Pneumatic connection, port 1	G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Pneumatic connection, port 2	G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Pneumatic connection, port 3	G1 1 NPT
Material seals	NBR
Material housing	Aluminium die cast
Material bowl	Wrought Aluminium alloy