

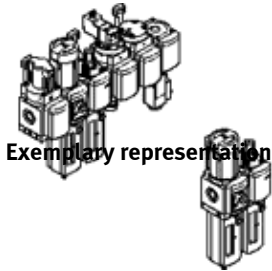
Service unit MSB6

Part number: 531030

★ Core product range

For manifold assembly, with G thread.

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	6
Series	MS
Type of actuation	electrical manual pneumatic
Actuator lock	Rotary knob with integrated lock
Assembly position	Vertical +/- 5°
Grade of filtration	0.01 ... 40 µm
Design structure	Branching module Active carbon filter Pressure regulator with gauge Soft start/quick exhaust valve Start-up valve flow sensor On/off valve Fiber filter Filter regulator with pressure gauge Filter regulator without pressure gauge Membrane dryer proportional standard mist lubricator Sintered filter with centrifugal separator Water separator Electrically adjustable pressure regulator Piloted precision diaphragm regulator
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Bowl guard	Plastic guard integrated as metal shell
Differential pressure display	Visual indicator with pressure sensor
Pressure gauge	with pressure sensor with pressure gauge
Working pressure	1.5 ... 20 bar
Pressure regulation range	1 ... 12 bar
Standard nominal flow rate	1,700 ... 4,800 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
Authorization	c UL us - Recognized (OL)

Feature	Value
CE symbol (see declaration of conformity)	according to EU-EMV guideline according to EU-Ex protection guideline (ATEX) according to EU low voltage guideline 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
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
Mounting type	with accessories
Material housing	Aluminum die cast
Material bowl	PC