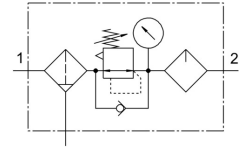


Service unit combination MSB4

Part number: 531029



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	4
Series	MS
Type of actuation	Electric Manual Pneumatic
Actuator lock	Rotary knob with integrated lock
Mounting position	optional Vertical +/-5°
Grade of filtration	0.01 µm ... 40 µm
Condensate drain	Fully automatic Manually rotating Semi-automatic
Design	Branching module Active carbon filter Pressure regulator with pressure gauge Soft-start valve On/off valve Fibre filter Filter regulator with pressure gauge Filter regulator without pressure gauge Membrane air dryer Proportional standard mist lubricator Proportional standard mist lubricator Sintered filter with centrifugal separator Sintered filter with centrifugal separator With non-return function With non-return function
Controller function	Output pressure constant Via primary pressure compensation With secondary venting With return flow function
Bowl guard	Plastic bowl guard
Symbol	00991761
Differential pressure display	Visual display Via pressure sensor
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Via 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
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W
Approval	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) To EU Low Voltage Directive
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
ATEX category gas	II 2G II 3G
ATEX category dust	II 2D II 3D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X Ex h IIC T6 Gb X Ex h IIC T6 Gb X Ex nA IIC T4 X Gc Ex nA IIC T4 X Gc Ex nA IIC T4 X Gc
Explosion ignition protection type for dust	Ex h IIIC T60°C Db X Ex tc IIIC T105°C X Dc IP65 Ex tc IIIC T105°C X Dc IP65
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Storage temperature	-10 °C ... 60 °C
Suitable for use with food	See supplementary material information
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Type of mounting	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	Die-cast aluminium
Material bowl	PC