Service unit combination MSB6

Part number: 531030



Data sheet

Feature	Value
Size	6
Series	MS
Type of actuation	Electrical Manual Pneumatic
Actuator lock	Rotary knob with integrated lock
Mounting position	Vertical +/-5°
Grade of filtration	0.01 µm...40 µm
Design	Branching module Activated carbon filter Pressure regulator with pressure gauge Soft-start/quick exhaust valve Soft-start valve Flow sensor On/off valve Fibre filter Filter regulator with pressure gauge Filter regulator without pressure gauge Membrane air dryer Proportional standard mist lubricator Sintered filter with centrifugal separator Water separator Electrically adjustable pressure regulator Piloted precision diaphragm control valve
Controller function	Output pressure constant With primary pressure compensation With secondary exhausting With return flow function
Bowl guard	Plastic bowl guard Integrated as metal bowl
Differential pressure display	Visual indicator With pressure sensor
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure sensor With pressure gauge
Operating pressure	1.5 bar...20 bar
Pressure regulation range	1 bar...12 bar
Standard nominal flow rate (standardised to DIN 1343)	1700 l/min...4800 l/min
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA

Feature	Value
	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 - Recognised (Oil)
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) To EC Machinery Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK regulations for machines To UK RoHS instructions To UK regulations for electrical equipment
Explosion protection certification outside the EU	EPL Db (GB) EPL Dc (GB) EPL Gb (GB) EPL Gc (GB)
Explosion 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)
Certificate issuing authority	Intertek UK-MCR-0086
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 nA IIC T4 X Gc
Explosion ignition protection type for dust	Ex h IIIC T60°C Db X Ex tc IIIC T105°C IP65 Dc X
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Type of mounting	With accessories
Material housing	Die-cast aluminium
Material bowl	Makrolon®