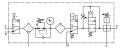
Air preparation combination unit MSB6N-1/2:C3J3M1D1A1F3-WP Part number: 543587

Data sheet

Series MS Actuator lock Rotary knob with detent Can be closed with accessories Mounting position Vertical +/- 5° Grade of filtration 5 µm Condensate drain Manually rotating Structural design Branching module Soft start valve Pressure switch Shu off valve Pressure switch Shu off valve Filter regulator with pressure gauge Standard oil mist lubricator Outlet pressure compensation Controller function Outlet pressure compensation With secondary exhausting With return flow function Bowl guard Plastic bowl guard Pressure gauge with pressure gauge Operating pressure 1.5 bar18 bar Pressure regulation range 0.5 bar12 bar Standard ominal flow rate 2100 U/min Col characteristics 24 V DC: 1.5 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS)	Feature	Value
Actuator lockRotary knob with detent can be closed with accessoriesMounting positionVertical +/ - 5°Grade of filtration5 µmCondensate drainManually rotatingStructural designBranching module Soft start valve Pressure switch 	Size	6
can be closed with accessoriesMounting positionVertical +/. 5°Grade of filtration5 µmCondensate drainManually rotatingStructural designBranching module Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge Standard of mils tlubricatorController functionOutlet pressure constant with pressure gauge With return flow functionBowl guardPlastic bowl guardPressure gauge Operating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard of mils200 l/minColl characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4] Inert gasInformation on operating and pilot mediaOperation pressive 2 · Moderate corrosion stressLASS (PWIS) conformityVDMA24364-81/B2-1Storage temperature-10 °C60 °CAmbient temperature-10 °C60 °CAmbient temperature-10 °C60 °C	Series	MS
Grade of filtration 5 μm Condensate drain Manually rotating Structural design Branching module Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge Standard oil mist lubricator Controller function Outlet pressure compensation With primary pressure compensation With secondary exhausting With return flow function Bowl guard Plastic bowl guard Pressure gauge with primary pressure gauge Operating pressure 1.5 bar18 bar Pressure regulation range 0.5 bar12 bar Standard nominal flow rate 2100 l/min Corrosion resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 10 °C60 °C For use in the food industry See supplementary material information Air quality class at the output Compressed air as per IS0 8573-1:2010 [6:4:-] Temperature 10 °C60 °C	Actuator lock	,
Condensate drainManually rotatingStructural designBranching module Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge Standard oil mist lubricatorController functionOutlet pressure constant With primary pressure somensation With recondary exhausting With return flow functionBowl guardPlastic bowl guardPressure gauge Operating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard nominal flow rate Coil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CAnibeint temperature-10 °C60 °C	Mounting position	Vertical +/- 5°
Structural designBranching module Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge Standard oil mist lubricatorController functionOutlet pressure constant With primary pressure compensation With secondary exhausting With return flow functionBowl guardPlastic bowl guardPressure gauge Operating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard oninal flow rate2100 l/minColi characteristics24 V DC 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/82-LStorage temperature For use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium10 °C60 °C	Grade of filtration	5 μm
Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge Standard oil mit lubricatorController functionOutlet pressure constant With primary pressure compensation With secondary exhausting With return flow functionBowl guardPlastic bowl guardPressure gaugeWith pressure gaugeOperating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard nominal flow rate2100 l/minColl characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Condensate drain	Manually rotating
With primary pressure compensation With secondary exhausting With return flow functionBowl guardPlastic bowl guardPressure gaugewith pressure gaugeOperating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard nominal flow rate2100 l/minCoil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Structural design	Soft start valve Pressure switch Shut off valve Filter regulator with pressure gauge
Pressure gaugewith pressure gaugeOperating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard nominal flow rate2100 l/minCoil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the output-10 °C60 °CTemperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Controller function	With primary pressure compensation With secondary exhausting
Operating pressure1.5 bar18 barPressure regulation range0.5 bar12 barStandard nominal flow rate2100 l/minCoil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Bowl guard	Plastic bowl guard
Pressure regulation range0.5 bar12 barStandard nominal flow rate2100 l/minCoil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Pressure gauge	with pressure gauge
Standard nominal flow rate2100 l/minCoil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Operating pressure	1.5 bar18 bar
Coil characteristics24 V DC: 1.5 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Pressure regulation range	0.5 bar12 bar
Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Standard nominal flow rate	2100 l/min
Inert gasInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Coil characteristics	24 V DC: 1.5 W
Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
LABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Storage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:-]Temperature of medium-10 °C60 °CAmbient temperature-10 °C60 °C	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
For use in the food industry See supplementary material information Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:-] Temperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:-] Temperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C	Storage temperature	-10 °C60 °C
Temperature of medium -10 °C60 °C Ambient temperature -10 °C60 °C	For use in the food industry	See supplementary material information
Ambient temperature -10 °C60 °C	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:-]
	Temperature of medium	-10 °C60 °C
Product weight 4000 g	Ambient temperature	-10 °C60 °C
	Product weight	4000 g

FESTO



Feature	Value
Type of mounting	With accessories
Pneumatic connection 1	1/2 NPT
Pneumatic connection 2	1/2 NPT
Pneumatic connection 3	G1/2
Note on materials	RoHS-compliant
Housing material	Die-cast aluminum
Material of bowl	PC