Filter regulator MS6-LFR-1/2-D7-C-R-M-RG-AS Part number: 578836



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General operating condition

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 Filter regulator with pressure gauge Max. condensate volume 38 ml Controller function Outlet pressure constant With secondary exhausting Bool guard Degree of condensate separation 25 % Symbol O0991589 Pressure gauge Red-green scale Operating pressure 0.08 MPa 2 MPa Operating pressure 0.025 MPa Max. pressure hysteresis 0.025 MPa Max. pressure hysteresis 3.625 psi Standard nominal flow rate 4000 I/min Operating ressure 0.01 MPa24364-81/82-1 Corrosion resistance class (CRC) 2 - Moderate corrosion stress Labs (PWIS) conformity VDMA24364-81/82-1 Storage temperature 10 °C 60 °C For use in the food industry See supplementary material information Albs (PWIS	Feature	Value
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 Filter regulator with pressure gauge Max. condensate volume 38 ml Controller function Outlet pressure constant With secondary exhausting Bool guard Degree of condensate separation >75 % Symbol O0991589 Pressure gauge 0.68 MPa 2 MPa Operating pressure 0.8 MPa 20 Mar Operating pressure 0.5 Jar 12 Jar Max. pressure hysteresis 0.25 bar Max. pressure hysteresis 0.25 bar Max. pressure hysteresis 3.625 psi Standard nominal flow rate 4000 l/min Operating medium Compressed ar as per IS0 8573-1:2010 [:4:-] Inert gas Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 10 °C 60 °C For use in the food industry See supplementary	Size	6
can be closed with accessoriesMouning positionVertical +/- 5°Grade of filtration5 μmCondensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.88 bar 20 barOperating pressure0.80 kPa 20 barPressure figures fisso0.25 barMax, pressure hysteresis0.25 barStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [:4:-] Inert gasCorrosion resistance class (CRC)2 Moderate corrosion stressLASS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CAriquality class at the outputCompressed air as per ISO 8573-1:2010 [:4:4] Term gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [:4:4] Term gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [:4:4] Term gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [:4:4] Term et al information <td>Series</td> <td>MS</td>	Series	MS
Grade of fittration5 μmCondensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 2 MPaOperating pressure0.5 bar 12 barMax. pressure hysteresis0.25 barMax. pressure hysteresis0.25 barStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010[-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLASS (PWIS) conformityVDM224364-B1/B2-LStorage temperature-10 °C 60 °CAri quality class at the outputCompressed air as per ISO 8573-1:2010[-6:4:4]Temperature-10 °C 60 °CAri pressure-10 °C 60 °CPore size5 μm	Actuator lock	,
Condensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.8 Mar 2 MPaOperating pressure0.8 Mar 2 DearPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLASS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industry-10 °C 60 °CAmbient temperature-10 °C 60 °CPressize54 µm	Mounting position	Vertical +/- 5°
Structural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CPor size5 µm	Grade of filtration	5 µm
Max. condensate volume 38 ml Controller function Outlet pressure constant With secondary exhausting Bowl guard Plastic bowl guard Degree of condensate separation >75 % Symbol 0991589 Pressure gauge Red-green scale Operating pressure 0.08 MPa 2 MPa Operating pressure 0.8 bar 20 bar Pressure regulation range 0.5 bar 12 bar Max. pressure hysteresis 0.25 bar Max. pressure hysteresis 3.625 psi Standard nominal flow rate 4000 l/min Operating medium Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 10 °C 60 °C For use in the food industry See supplementary material information Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:4] Temperature of medium -10 °C 60 °C For use in the food industry See supplementary material information Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:4]	Condensate drain	Manually rotating
Controller functionOutlet pressure constant With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax, pressure hysteresis0.25 barMax, pressure hysteresis0.25 barMax, pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLBS (PWIS) conformityVDMA24364-B1/B2-1Storage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature10 °C 60 °CPore size5 µm	Structural design	Filter regulator with pressure gauge
With secondary exhaustingBowl guardPlastic bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010[6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CProre size54 µm	Max. condensate volume	38 ml
Degree of condensate separation>75 %Symbol00991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barOperating pressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [-:4:+]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [-:4:+]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size54 µm	Controller function	
SymbolO0991589Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax, pressure hysteresis0.025 MPaMax, pressure hysteresis0.25 barMax, pressure hysteresis0.25 barMax, pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 · Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size5 µm	Bowl guard	Plastic bowl guard
Pressure gaugeRed-green scaleOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the output-10 °C 60 °CPore size51 µm	Degree of condensate separation	>75 %
Operating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [-:4:4]Temperature of medium-10 °C 60 °CPore size55 µm	Symbol	00991589
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Max. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CFor use in the presture-10 °C 60 °C	Operating pressure	0.8 bar 20 bar
Max. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size45 µm	Pressure regulation range	0.5 bar 12 bar
Max. pressure hysteresis3.625 psiStandard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size55 µm	Max. pressure hysteresis	0.025 MPa
Standard nominal flow rate4000 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size<5 µm	Max. pressure hysteresis	0.25 bar
Operating mediumCompressed air as per ISO 8573-1:2010[-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010[6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size<5 µm	Max. pressure hysteresis	3.625 psi
Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size<5 µm	Standard nominal flow rate	4000 l/min
LABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size<5 µm	Operating medium	
Storage temperature-10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [6:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size<5 µm	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
For use in the food industry See supplementary material information For use in the food industry Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output -10 °C 60 °C Temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Pore size <5 µm	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Air quality class at the output Compressed air as per ISO 8573-1:2010 [6:4:4] Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Pore size <5 µm	Storage temperature	-10 °C 60 °C
Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Pore size <5 μm	For use in the food industry	See supplementary material information
Ambient temperature -10 °C 60 °C Pore size <5 μm	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Pore size <5 μm	Temperature of medium	-10 °C 60 °C
	Ambient temperature	-10 °C 60 °C
Product weight 875 g	Pore size	<5 μm
	Product weight	875 g

FESTO

Feature	Value
Type of mounting	Optionally: Front panel mounting Line installation With accessories
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Note on materials	RoHS-compliant
Material of operator panel	PA POM
Seals material	NBR
Compressed air filter material	PE
Housing material	Die-cast aluminum
Diaphragm material	NBR
Material of bowl	PC
Separating disc material	РОМ