## 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
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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