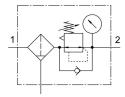
Filter regulator MS6N-LFR-1/2-D7-EUM-AS Part number: 531330





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 40 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 00991589 Pressure gauge with pressure gauge Operating pressure 0.8 Bar 2 MPa Operating pressure 0.8 Bar 2 MPa Operating pressure 0.025 MPa Max. pressure hysteresis 0.25 par Max. pressure hysteresis 3.625 psi Standard nominal flow rate 4500 I/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 VDMX24364.P1/82-L Storage temperature 10 °C 60 °C For u	Feature	Value
Actuator lockRotary knob with detent can be closed with accessoriesMounting positionVertical +/- 5°Grade of filtration40 µmCondensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation75 %Symbol00991589Pressure gauge008 MPa 2 MPaOperating pressure0.8 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.25 barMax. pressure hysteresis0.25 barMax. pressure hysteresis0.25 barStandard nominal flow rate4500 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:-] Inert gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [7:4:4]Temperature of medium-10 °C 60 °CFor use in the food industrySee supplementary material information<	Size	6
can be closed with accessoriesMounting positionVertical +/- 5°Grade of filtration40 µmCondensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gauge0.68 MPa 2 MPaOperating pressure0.88 bar 20 barOperating pressure0.88 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.25 barMax. pressure hysteresis3625 psiStandard nominal flow rate4500 l/minOperating mediumCompressed air as per 150 8573-1:2010[-:4:-] Intert gasCorrosion resistance class (CRC)> Madate 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 150 8573-1:2010[-:4:-] Intert gasTorge temperature of medium:10 °C 60 °CFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per 150 8573-1:2010[-:4:-] Intert gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per 150 8573-1:2010[Series	MS
Grade of filtration40 μmCondensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating pressure0.8 MPa 2 MPaOperating pressure0.8 MPa 2 MPaOperating pressure0.5 bar 12 barMax. pressure hysteresis0.25 MPaMax. pressure hysteresis0.25 barStand nominal flow rate4500 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 industry50 °CAmbient temperature-10 °C 60 °CPore size40 µm	Actuator lock	,
Condensate drainManually rotatingStructural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating pressure0.08 MPa 2 MPaOperating pressure0.8 bar 20 barPressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barStand nominal flow rate4500 U/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCortosion 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 °CPore size40 µm	Mounting position	Vertical +/- 5°
Structural designFilter regulator with pressure gaugeMax. condensate volume38 mlController functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating 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 rate4500 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:-] Inert gasTemperature of medium-10 °C 60 °CPore size40 µm	Grade of filtration	40 µm
Max. condensate volume 38 ml Controller function Outlet pressure constant With secondary exhausting Bowl guard Integrated as metal bowl guard Degree of condensate separation >75 % Symbol 00991589 Pressure gauge with pressure gauge 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 0.25 bar Standard nominal flow rate 4500 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 [7:4:4] Temperature of medium -10 °C 60 °C Pore size 40 µm	Condensate drain	Manually rotating
Controller functionOutlet pressure constant With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating 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 rate4500 l/minOperating mediumCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasCorrosion resistance class (CRC)2 - Moderate corrosion stressLBS (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:-] Inert gasFor use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [-:4:-] Inert gasTemperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size40 µm	Structural design	Filter regulator with pressure gauge
With secondary exhaustingBowl guardIntegrated as metal bowl guardDegree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating 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 hysteresis0.25 barStandard nominal flow rate4500 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 temperature10 °C 60 °CPore size40 µm	Max. condensate volume	38 ml
Degree of condensate separation>75 %Symbol00991589Pressure gaugewith pressure gaugeOperating 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 rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CPore size40 µm	Controller function	
Symbol00991589Pressure gaugewith pressure gaugeOperating 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 hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4500 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[7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CProre size440 µm	Bowl guard	Integrated as metal bowl guard
Pressure gaugewith pressure gaugeOperating 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 rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CPore size440 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 rate4500 l/minOperating mediumCorrosion resistance class (CRC)Corrosion 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 °CAring using the temperature-10 °C 60 °CPore size440 µm	Symbol	00991589
Operating 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 rate4500 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 °CPremerature of medium-10 °C 60 °CProse ize440 µm	Pressure gauge	with pressure gauge
Pressure regulation range0.5 bar 12 barMax. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CPore size40 µm	Operating pressure	0.08 MPa 2 MPa
Max. pressure hysteresis0.025 MPaMax. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CYor size:40 µm	Operating pressure	0.8 bar 20 bar
Max. pressure hysteresis0.25 barMax. pressure hysteresis3.625 psiStandard nominal flow rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 µm	Pressure regulation range	0.5 bar 12 bar
Max. pressure hysteresis3.625 psiStandard nominal flow rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 µm	Max. pressure hysteresis	0.025 MPa
Standard nominal flow rate4500 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 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 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[7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 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[7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 μm	Standard nominal flow rate	4500 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[7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 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 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 µm	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
For use in the food industrySee supplementary material informationAir quality class at the outputCompressed air as per ISO 8573-1:2010 [7:4:4]Temperature of medium-10 °C 60 °CAmbient temperature-10 °C 60 °CPore size:40 µm	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Air quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Pore size ‹40 µm	Storage temperature	-10 °C 60 °C
Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Pore size <40 μm	For use in the food industry	See supplementary material information
Ambient temperature -10 °C 60 °C Pore size <40 µm	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:4:4]
Pore size <40 μm	Temperature of medium	-10 °C 60 °C
	Ambient temperature	-10 °C 60 °C
Product weight 1087 g	Pore size	<40 μm
	Product weight	1087 g

Feature	Value
Type of mounting	Optionally: Front panel mounting Line installation With accessories
Pneumatic connection 1	1/2 NPT
Pneumatic connection 2	1/2 NPT
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	Wrought aluminum alloy
Separating disc material	РОМ