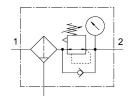
## Filter regulator MS6-LFR-3/8-D7-ERM-AS Part number: 529228

**FESTO** 





## **Data sheet**

isize 6  deries MS  Rotary knob with detent can be closed with accessories  Abounting position Vertical +/- 5°  Grade of filtration 40 μm  Abounting position Manually rotating Filter regulator with pressure gauge  Abax. condensate drain Manually rotating Filter regulator with pressure gauge  Abax. condensate volume 38 ml  Controller function Outlet pressure constant With secondary exhausting  Bowl guard Plastic bowl guard  Foregree of condensate separation 75 %  Pressure gauge with pressure gauge  Abax. pressure gauge with pressure gauge  Abax. pressure sure 0.08 MPa 2 MPa 0.8 bar 20 bar  Abax. pressure hysteresis 0.025 MPa 0.25 bar 3.625 psi  Adax dandard nominal flow rate 4000 l/min  Deparating medium Compressed air as per ISO 8573-1:2010 [-:4] Inert gas  Diversigne experimentation or 10 °C60 °C  About the food industry See supplementary material information in fire quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas  To resize the food industry See supplementary material information in fire quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas  To resize 40 μm	I= .	l
MS Actuator lock Rotary knob with detent can be closed with accessories  AOunting position Vertical +/- 5° Filter regulator with pressure gauge Aax. condensate drain Aax. condensate volume About guard About guard About guard About gauge About gau	Feature	value
Actuator lock  Actua	Size	
can be closed with accessories  Abounting position  Vertical +/- 5°  fride of filtration  Ao μm  Sirade of filtration  Ao μm  Siructural design  Filter regulator with pressure gauge  Aax. condensate volume  38 ml  Controller function  Outlet pressure constant With secondary exhausting  Aowl guard  Plastic bowl guard  Plastic bowl guard  Plastic powl guard  Plasti	Series	MS
Ao μm  Aondensate drain  Anaualty rotating  Filter regulator with pressure gauge  Aax. condensate volume  38 ml  Outlet pressure constant With secondary exhausting  Bowl guard  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  Plastic powl guard  Plastic	Actuator lock	
Manually rotating  Filter regulator with pressure gauge  Aax. condensate volume  38 ml  Outlet pressure constant With secondary exhausting  Bowl guard  Plastic bowl guard  Plastic bowl guard  Plestic powl guard  Plestic powl guard  Poperating pressure  Outlet pressure gauge  With pressure gauge  With pressure gauge  Outlet pressure gauge  With pressure gauge  Outlet pressure gauge  With pressure gauge  With pressure gauge  Outlet pressure gauge  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  Plastic powl guard  Outlet pressure constant With secondary exhausting  Plastic powl guard  Plastic powl guard  Plastic powl guard  Plastic powl guard  Outlet pressure constant With secondary exhausting  Plastic powl guard  Plastic powl guard  Outlet pressure constant With secondary exhausting  Plastic powl guard  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Outlet pressure constant With secondary exhausting  Manually rotating  Again  And Plastic bowl guard  Outlet pressure constant  Outlet pressure constant With secondary exhausting  Manually rotating  Manually rotating  Outlet pressure constant  Outlet pressure constant  With secondary exhausting  Outlet pressure constant  Outlet pressure const	Mounting position	Vertical +/- 5°
Filter regulator with pressure gauge  Aax. condensate volume  38 ml  Outlet pressure constant With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Plessure gauge  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  Outlet pressure constant With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Outlet pressure constant With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Outlet pressure constant With secondary exhausting  Outlet pressure constant With secondary exhausting  Plastic bowl guard  Outlet pressure constant With secondary exhausting  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Outlet pressure constant With secondary exhausting  Outlet pressure gauge  Outlet pressure constant With secondary exhausting  Outlet pressure constant With secondary exhausting  Outlet pressure constant With secondary exhausting  Outlet pressure constant  Outlet pressure  Outlet Pres	Grade of filtration	40 μm
Asx. condensate volume  Jastic bowl guard  Plastic bowl guard  Pla	Condensate drain	Manually rotating
Outlet pressure constant With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  75 %  Pressure gauge  With pressure gauge  O.08 MPa 2 MPa 0.8 bar 20 bar 0.8 bar 20 bar 0.8 bar 20 bar 0.9 bar 12 bar  Max. pressure hysteresis  O.025 MPa 0.25 bar 3.625 psi  Adadrd nominal flow rate  Departing medium  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Directions resistance class (CRC)  2 · Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  Grage temperature  -10 °C60 °C  Or use in the food industry  Emperature of medium  -10 °C60 °C  ABS (PWIS) conformity  Compressed air as per ISO 8573-1:2010 [7:4:4]  Emperature of medium  -10 °C60 °C  ABS (PWIS) conformity  Compressed air as per ISO 8573-1:2010 [7:4:4]  Emperature of medium  -10 °C60 °C  ABS (PWIS) conformity  ABS (PWIS) conformity  Compressed air as per ISO 8573-1:2010 [7:4:4]  Emperature of medium  -10 °C60 °C  ABS (PWIS) conformity  ABS (PWI	Structural design	Filter regulator with pressure gauge
With secondary exhausting  Plastic bowl guard  Plastic bowl guard  Plastic bowl guard  75 %  Pressure gauge  With pressure gauge  With pressure gauge  O.08 MPa2 MPa 0.8 bar20 bar  Pressure regulation range  O.25 MPa 0.25 MPa 0.25 bar 3.625 psi  Standard nominal flow rate  Operating medium  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Pressure class (CRC)  ABS (PWIS) conformity  VDMA24364-B1/B2-L  Storage temperature  Order of use in the food industry  See supplementary material information  Compressed air as per ISO 8573-1:2010 [7:4:4]	Max. condensate volume	38 ml
Pegree of condensate separation  75 %  Pressure gauge  With pressure gauge  0.08 MPa2 MPa 0.8 bar20 bar  0.5 bar12 bar  0.025 MPa 0.25 bar 3.625 psi  With pressure segulation range  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi  With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi With pressure hysteresis  0.025 MPa 0.25 bar 3.625 psi With pressure hysteresis 0.025 MPa 0.25 bar 0.25 b	Controller function	
with pressure gauge  Operating pressure  One MPa2 MPa One bar20 bar  One star20	Bowl guard	Plastic bowl guard
Operating pressure  Operating pressure  Os bar20 bar  Os bar12 bar	Degree of condensate separation	75 %
0.8 bar20 bar  O.5 bar12 bar  O.25 MPa O.25 bar 3.625 psi  Standard nominal flow rate  Operating medium  Operating medium  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  Storage temperature  -10 °C60 °C  For use in the food industry  Compressed air as per ISO 8573-1:2010 [7:4:4]	Pressure gauge	with pressure gauge
AAx. pressure hysteresis  O.025 MPa O.25 bar 3.625 psi  Standard nominal flow rate  4000 I/min  Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L Storage temperature  -10 °C60 °C  For use in the food industry  See supplementary material information  Compressed air as per ISO 8573-1:2010 [7:4:4]  Femperature of medium  -10 °C60 °C  Ambient temperature  -10 °C60 °C	Operating pressure	
0.25 bar 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   ABS (PWIS) conformity VDMA24364-B1/B2-L   Storage temperature -10 °C60 °C   For use in the food industry See supplementary material information   Sir quality class at the output Compressed air as per ISO 8573-1:2010 [7:4:4]   Seemperature of medium -10 °C60 °C   Sumbient temperature -10 °C60 °C   Sore size 40 μm	Pressure regulation range	0.5 bar12 bar
Compressed air as per ISO 8573-1:2010 [-:4:-] Inert gas  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  Storage temperature  -10 °C60 °C  For use in the food industry  See supplementary material information  Compressed air as per ISO 8573-1:2010 [7:4:4]  Emperature of medium  -10 °C60 °C  Ambient temperature  -10 °C60 °C	Max. pressure hysteresis	0.25 bar
Inert gas  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  ABS (PWIS) conformity  VDMA24364-B1/B2-L  Storage temperature  -10 °C60 °C  For use in the food industry  Compressed air as per ISO 8573-1:2010 [7:4:4]  Femperature of medium  -10 °C60 °C  Ambient temperature  -10 °C60 °C	Standard nominal flow rate	4000 l/min
ABS (PWIS) conformity  VDMA24364-B1/B2-L  storage temperature  -10 °C60 °C  See supplementary material information  Compressed air as per ISO 8573-1:2010 [7:4:4]  remperature of medium  -10 °C60 °C  Ambient temperature  -10 °C60 °C  -10 °C60 °C  -10 °C60 °C  -10 °C60 °C	Operating medium	
Storage temperature-10 °C60 °CFor use in the food industrySee supplementary material informationFor use in the food industryCompressed air as per ISO 8573-1:2010 [7:4:4]For industry class at the output-10 °C60 °CFor industry class at th	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
See supplementary material information  Compressed air as per ISO 8573-1:2010 [7:4:4]  Femperature of medium  -10 °C60 °C  Ambient temperature  -10 °C60 °C  40 µm	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Compressed air as per ISO 8573-1:2010 [7:4:4]  iemperature of medium  -10 °C60 °C  -10 °C60 °C  -10 °C60 °C  40 μm	Storage temperature	-10 °C60 °C
remperature of medium -10 °C60 °C remperature -10 °C60 °C resize 40 μm	For use in the food industry	See supplementary material information
Ambient temperature -10 °C60 °C 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 °C60 °C
10 pm	Ambient temperature	-10 °C60 °C
Product weight 875 g	Pore size	40 μm
	Product weight	875 g

Feature	Value
Type of mounting	Front panel mounting Line installation With accessories Optionally:
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
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	POM