Pressure regulator MS6-LR-1/2-D7-AS Part number: 529993



2

General operating condition

Data sheet

eries MS ctuator lock Rotary knob with detent can be closed with accessories ounting position Any rructural design Pressure regulator with pressure gauge ontroller function Outlet pressure constant With primary pressure compensation With secondary exhausting ymbol 00991558 ressure gauge with pressure gauge perating pressure 0.8 bar 20 bar cessure regulation range 0.5 bar 12 bar ax, pressure hysteresis 0.25 bar candard nominal flow rate 5500 l/min perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] inert gas 0.5 bar 12 bar axing medium Compressed air as per ISO 8573-1:2010 [7:4:4] inert gas 0.5 bar 12 bar arotard nominal flow rate 5500 l/min portion resistance class (CRC) 2 - Moderate corrosion stress ABS (PUIS) conformity VDMA24364-B1/B2-L vorage temperature 10 °C 60 °C or use in the food industry See supplementary material information emperature of medium -10 °C 60 °C mibent temperature 10 °C 60 °C	Feature	Value
Instrument Instrument Rotary knob with detent can be closed with accessories Any can be closed with accessories Any muture uncludiesign Pressure regulator with pressure gauge ontroller function Outlet pressure constant With primary pressure compensation With secondary exhausting ymbol 00991558 pessure gauge with pressure gauge perating pressure 0.8 bar 20 bar case, pressure hysteresis 0.25 bar andard nominal flow rate 5500 l/min perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas formation on operating and pilot media Operation with oil lubrication possible (required for further use) porsoin resistance class (CRC) 2 - Moderate corrosion stress VBS (PWIS) conformity VDMA24364-B1/B2-L vorage temperature -10 °C 60 °C orduct weight 730 g oper of mounting Optically: Front panel mounting une in the foot industry See supplementary material information enter doriduct weight 730 g optio mounting Optionally: Front panel mounting Line installation <	Size	6
can be closed with accessoriesounting positionAnyrructural designPressure regulator with pressure gaugeontroller functionWith primary pressure compensation With primary pressure compensation With pressure gaugeymbol00991558ressure gauge0.8 bar 20 barperating pressure0.8 bar 20 barressure regulation range0.5 bar 12 barax, pressure hysteresis0.25 baraandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use) 2 - Moderate corrosion stressborrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Loruge temperature-10 °C 60 °Coruse in the food industrySee supplementary material informationmeperature of medium10 °C 60 °Cmuse in the food industry730 gorduct weight730 gorduct weight60 °Crouture in temperature-10 °C 60 °C	Series	MS
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ontroller functionOutlet pressure constant With primary pressure compensation With secondary exhaustingymbol00991558ressure gaugewith pressure gaugeperating pressure0.8 bar 20 barressure regulation range0.5 bar 12 barax. pressure hysteresis0.25 bartandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)prosion resistance class (CRC)2 - Moderate corrosion stressABS (PVIS) conformityVDMA24364-B1/B2-L torage temperature-10 °C 60 °C-0 °Crouce in the food industrySee supplementary material information-10 °C 60 °C-0 °Croucu wight730 goptionally: Front panel mounting Line installationwith accessories61/2neumatic connection 161/2neumatic connection 261/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Mounting position	Any
With primary pressure compensation With secondary exhaustingymbol00991558ressure gaugewith pressure gaugeperating pressure0.8 bar 20 barressure regulation range0.5 bar 12 barax. pressure hysteresis0.25 barcandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)portosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmotion temperature10 °C 60 °Croduct weight730 grope of mounting Line installation With accessoriesneumatic connection 161/2neumatic connection 261/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Structural design	Pressure regulator with pressure gauge
ressure gaugewith pressure gaugeperating pressure0.8 bar 20 barocs bar 12 bar0.5 bar 12 barax. pressure hysteresis0.25 barcandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)perosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium10 °C 60 °Cmounting730 gprope of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 161/2neumatic connection 261/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Controller function	With primary pressure compensation
perating pressure0.8 bar 20 barressure regulation range0.5 bar 12 barax. pressure hysteresis0.25 bartandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)porrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Corduct weight730 gope of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 161/2neumatic connection 261/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Symbol	00991558
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ax. pressure hysteresis0.25 bartandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)porrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmoduct weight730 goper of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 161/2enumatic connection 261/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Operating pressure	0.8 bar 20 bar
tandard nominal flow rate5500 l/minperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4] Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)porrosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 gvpe of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Pressure regulation range	0.5 bar 12 bar
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Inert gasformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)prosion resistance class (CRC)2 - Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 grpe of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Standard nominal flow rate	5500 l/min
Derrosion resistance class (CRC)2 · Moderate corrosion stressABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 gorpe of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Operating medium	
ABS (PWIS) conformityVDMA24364-B1/B2-Ltorage temperature-10 °C 60 °Cor use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 goppe of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
iorage temperature -10 °C 60 °C or use in the food industry See supplementary material information emperature of medium -10 °C 60 °C mbient temperature -10 °C 60 °C roduct weight 730 g ope of mounting Optionally: Front panel mounting Line installation With accessories neumatic connection 1 G1/2 neumatic connection 2 G1/2 ote on materials RoHS-compliant aterial of operator panel PA POM	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
or use in the food industrySee supplementary material informationemperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 groduct weightOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	LABS (PWIS) conformity	VDMA24364-B1/B2-L
emperature of medium-10 °C 60 °Cmbient temperature-10 °C 60 °Croduct weight730 g/pe of mountingOptionally: Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Storage temperature	-10 °C 60 °C
mbient temperature -10 °C 60 °C roduct weight 730 g rpe of mounting Optionally: Front panel mounting Line installation With accessories neumatic connection 1 G1/2 neumatic connection 2 G1/2 ote on materials RoHS-compliant aterial of operator panel PA POM	For use in the food industry	See supplementary material information
roduct weight 730 g /pe of mounting Optionally: Front panel mounting Line installation With accessories neumatic connection 1 G1/2 neumatic connection 2 G1/2 ote on materials RoHS-compliant iaterial of operator panel PA POM	Temperature of medium	-10 °C 60 °C
ope of mounting Optionally: Front panel mounting Line installation With accessories neumatic connection 1 G1/2 neumatic connection 2 G1/2 ote on materials RoHS-compliant aterial of operator panel PA POM	Ambient temperature	-10 °C 60 °C
Front panel mounting Line installation With accessoriesneumatic connection 1G1/2neumatic connection 2G1/2ote on materialsRoHS-compliantaterial of operator panelPA POM	Product weight	730 g
neumatic connection 2 G1/2 ote on materials RoHS-compliant aterial of operator panel PA POM	Type of mounting	Front panel mounting Line installation
ote on materials RoHS-compliant aterial of operator panel PA POM	Pneumatic connection 1	G1/2
aterial of operator panel PA POM	Pneumatic connection 2	G1/2
РОМ	Note on materials	RoHS-compliant
eals material NBR	Material of operator panel	
	Seals material	NBR
ousing material Die-cast aluminum	Housing material	Die-cast aluminum

Feature	Value
Diaphragm material	NBR
Separating disc material	РОМ