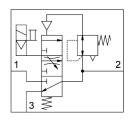
Soft start/quick exhaust valve MS4-EDE-1/4-V24-AD7-B Part number: 8201356

FESTO





Data sheet

Size 4 Width dimension 40 mm Exhaust air function Without flow control option Actuation type Electrical Mounting position Any Selection of additional function with muffler Without flow control option Any Selection of additional function with muffler With muffler Series MS Manual override Detenting Non-detenting Non-detenting Structural design Poppet valve, electrically actuated Reset method Mechanical spring Pilot-controlled Pilot air supply port Internal Valve function Ja/2, closed, monostable Lap Underlap Underlap Underlap Underlap Valve function Va	Feature	Value
Exhaust air function Actuation type Electrical Mounting position Any Selection of additional function With muffler Series MS Manual override Detenting Non-detenting Structural design Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Valve function Lap Pressure gauge With pressure sensor with LCD display Switching position indication Operating pressure 3.3 a San7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time 3.1 ms Coil characteristics 24 V DC: 2.3 W Peremissible voltage fluctuations Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation vertically actuated Any With muffler Blectrical Any Methout flow control option Methout muffler Mechanical spring Non-detenting Non-d	Size	4
Actuation type Electrical Mounting position Any Selection of additional function with muffler Series MS Manual override Detenting Non-detenting Structural design Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Internal Valve function Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication Operating pressure 0,3 MPa0,7 MPa 3 bar0 The MP	Width dimension	40 mm
Mounting position Series MS Manual override Detenting Non-detenting Structural design Reset method Type of control Pilot air supply port Valve function Lap Pressure gauge Switching position indication Operating pressure Operating pressure Underlap Double to the supply position indication Operating on the supply position indication Operating flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Exhaust air function	Without flow control option
Selection of additional function Series MS Manual override Detenting Non-detenting Structural design Poppet valve, electrically actuated Mechanical spring Type of control Pilot-controlled Pilot air supply port Valve function Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Actuation type	Electrical
Series MS Manual override Detenting Non-detenting Structural design Poppet valve, electrically actuated Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Internal Valve function 3/2, closed, monostable Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication with accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1-Low corrosion stress	Mounting position	Any
Manual override Detenting Non-detenting Structural design Poppet valve, electrically actuated Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Internal Valve function Jay, closed, monostable Lap Underlap Pressure gauge With pressure sensor with LCD display Switching position indication With accessories Operating pressure Jay	Selection of additional function	with muffler
Structural design Poppet valve, electrically actuated Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Internal Valve function 3/2, closed, monostable Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication with accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 I/sbar Standard flow rate exhaust 6-> 0 bar 1600 I/min Normal nominal flow rate (normalized to DIN 1343) 2000 I/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations 4-/- 10 % Operating medium Compressed ir as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1-Low corrosion stress	Series	MS
Reset method Mechanical spring Type of control Pilot-controlled Pilot air supply port Internal Valve function 3/2, closed, monostable Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication with accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Manual override	
Type of control Pilot air supply port Internal 3/2, closed, monostable Lap Underlap Pressure gauge With pressure sensor with LCD display Switching position indication With accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations Operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Structural design	Poppet valve, electrically actuated
Pilot air supply port Internal Valve function Jay, closed, monostable Underlap Pressure gauge with pressure sensor with LCD display Switching position indication Operating pressure Operating pressure Outline Calle Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time Coil characteristics Permissible voltage fluctuations Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC)	Reset method	Mechanical spring
Valve function 3/2, closed, monostable Underlap Pressure gauge with pressure sensor with LCD display Switching position indication Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC)	Type of control	Pilot-controlled
Lap Underlap Pressure gauge with pressure sensor with LCD display Switching position indication with accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Pilot air supply port	Internal
Pressure gauge with pressure sensor with LCD display Switching position indication with accessories Operating pressure 0.3 MPa0.7 MPa 3 bar7 bar b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Valve function	3/2, closed, monostable
Switching position indication Operating pressure Outside Outsid	Lap	Underlap
Operating pressure Operating pressure Outs C value Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time Outs Coil characteristics Coil characteristics Coil characteristics Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) Outs	Pressure gauge	with pressure sensor with LCD display
b-value 0.45 C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Switching position indication	with accessories
C value 8.52 l/sbar Standard flow rate exhaust 6-> 0 bar 1600 l/min Normal nominal flow rate (normalized to DIN 1343) 2000 l/min On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Operating pressure	
Standard flow rate exhaust 6-> 0 bar Normal nominal flow rate (normalized to DIN 1343) On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress	b-value	0.45
Normal nominal flow rate (normalized to DIN 1343) 2000 l/min 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	C value	8.52 l/sbar
On time 31 ms Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Standard flow rate exhaust 6-> 0 bar	1600 l/min
Coil characteristics 24 V DC: 2.3 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Normal nominal flow rate (normalized to DIN 1343)	2000 l/min
Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	On time	31 ms
Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Coil characteristics	24 V DC: 2.3 W
Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress	Permissible voltage fluctuations	+/- 10 %
Corrosion resistance class (CRC) 1 - Low corrosion stress	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
· ·	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity VDMA24364-B1/B2-L	Corrosion resistance class (CRC)	1 - Low corrosion stress
1	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class Class 7 according to ISO 14644-1	Cleanroom class	Class 7 according to ISO 14644-1

Feature	Value	
Storage temperature	-10 °C60 °C	
Temperature of medium	0 °C50 °C	
Degree of protection	IP65	
Ambient temperature	0 °C50 °C	
Product weight	196 g	
Electrical connection	Form C as per EN 175301-803	
Signal status display	With accessories	
Type of mounting	With wall/surface bracket	
Pneumatic connection 1	G1/4	
Pneumatic connection 2	G1/4	
Pneumatic connection 3	G1/4	
Note on materials	RoHS-compliant	
Seals material	HNBR NBR	
Housing material	PA-reinforced	